CURRICULUM VITAE

Pratyush Shivam

CHIEF TECHNOLOGY OFFICER · KONFIDIO

I build systems that let companies who don't fully trust each other work from the same record. Since 2021 that has meant one product, TrustedTrucks: a permissioned blockchain network that gives European freight one shared record of every shipment, which I have built across every layer and now lead as CTO.

2016	2021	2024	30+
First production code	Joined TrustedTrucks	CTO of Konfidio	Systems shipped

WHAT I DO

Own the technical vision, the architecture and the engineering team behind a production blockchain network and the freight platform that runs on it: web, mobile, backend, smart contracts and infrastructure.

WHAT I BRING

Depth across the whole stack, six years of living with my own decisions on one product, and exactness about what the technology proves and what it does not.

THE PATH

2016
Software developer

2021
Senior engineer, TrustedTrucks

2023
Lead engineer

2024
Chief Technology Officer

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WEBSITE
pratyushshivam.com

LINKEDIN
linkedin.com/in/pratyushshivam

GITHUB
github.com/pratyushshivam

Experience

Ten years of building software, six of them on one product.

2024 – NOW

Chief Technology Officer

Konfidio GmbH

Technical vision, architecture and the team behind TrustedTrucks

2023

Lead Software Engineer

TrustedTrucks

Leading the team; smart contracts, payments, identity

2021 – 2023

Senior Software Engineer

TrustedTrucks

Frontend architecture, testing, mentoring

2021

Software Developer

HighRadius · Vlinde GmbH

Enterprise software, hybrid mobile apps

2020

Frontend Developer

Matrica Labs

Web applications and interface design

2018 – 2020

Freelance Frontend Developer

Clairseme

Shipping products end to end, alone

2016 – 2018

Software Developer

Deluxe e Ricco

React, Node.js, the first production code

ALONGSIDE

Co-founder & CEO

Keisang HR

Engineering hiring built on verified skills

IN SHORT

Frontend developer from 2016, full stack by 2021, then three roles at one company: senior engineer, lead engineer and, since 2024, Chief Technology Officer of Konfidio, the company behind TrustedTrucks.

Work

TrustedTrucks: one product, told as six problems solved.

01 **One shared record**
A freight platform where shipper, forwarder, carrier and consignee work from the same shipment, from the first quote to payment.

02 **Evidence, anchored**
Shipment documents are fingerprinted on a permissioned blockchain, so every party can verify them instead of disputing them.

03 **Proof of delivery to invoice**
Accepted delivery evidence becomes the invoice, so carriers are paid on evidence instead of paperwork.

04 **Carbon from the trip**
Shipment emissions measured from the journey that actually happened, on a GLEC Framework and ISO 14083 basis.

05 **A permissioned network, in production**
An Ethereum-compatible network between known companies, run with the same discipline as any other production system.

06 **The network in a pocket**
The TrustedTrucks Android app on Google Play: post loads, send quotes, approve proof of delivery and confirm invoices.

EVERYTHING SHIPPED, BY LAYER

The freight platform	Quotes and orders · Multi-stop shipments · Live track and trace · Digital shipment documents · Document generation · Invoicing · Backhaul matching · Fleet planning · Carrier qualification · Company onboarding and verification · Carbon accounting
The blockchain layer	A permissioned network in production · Smart contracts · Evidence anchoring and document approvals · Company signing routes · Key management and transaction signing · Blockchain data indexing · Node network manager
The platform underneath	Event streaming backbone · Real-time gateway · Notification centre · In-app messaging · IoT telemetry · AI services · Analytics and data
Quality and operations	Security engineering · Observability and incident response · Performance and load engineering · End-to-end test automation
The products	Web platform · Android app on Google Play · trustedtrucks.com · Participant learning portal

Blockchain expertise

I design, deploy and operate a permissioned, Ethereum-compatible network between known companies, and write the smart contracts that encode how they agree.

HOW A SHIPMENT DOCUMENT IS PROVEN

01

Fingerprint

A document is reduced to a short cryptographic fingerprint. Change one character and the fingerprint changes. The document itself never leaves its owner.

02

Anchor

The fingerprint is written to a permissioned, Ethereum-compatible network run between known companies. Once anchored, nobody can quietly alter it.

03

Agree

Smart contracts encode the agreement: who has to approve what, in which order. Approval is a transaction, not an email.

04

Verify

Any party on the shipment can check a document against the record. Each sees what its role allows, and nothing more.

WHAT IT PROVES

- ✓ A document has not changed since it was anchored
- ✓ Who approved it, and when
- ✓ The order in which things happened

WHAT IT DOES NOT

- × That the document was true to begin with
- × That a fingerprint is a signature
- × That people are no longer needed

ETHEREUM AND PERMISSIONED NETWORKS

The day job. A production GoQuorum network, Solidity contracts for multi-party approvals, document anchoring, key management and transaction signing, event indexing and node operations.

SOLANA

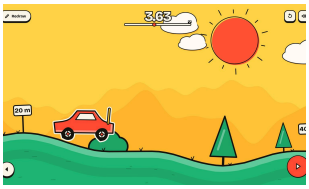
Side projects. Smart contracts, token launches on mainnet and payment gateways.

WORKING KNOWLEDGE

Ethereum · GoQuorum · Solidity · OpenZeppelin · Upgradeable contracts · Hardhat · Truffle · Ethers.js · Web3.js · Private networks · Node operations · Key management · Transaction signing · Event indexing · Document anchoring · Multi-party approvals · Role-based visibility · Solana · Solana smart contracts · Token launches on mainnet · Crypto payment gateways

Projects

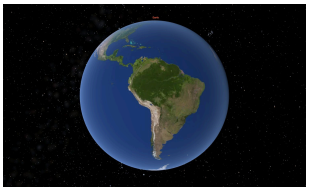
Open source, built outside the day job. Each one runs in a browser tab and needs no account.



Doodle Drive GAME

Draw any vehicle with one finger. Real physics does the rest.

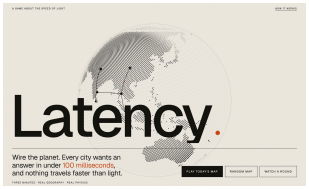
TypeScript · 2D canvas · planck.js · WebAudio · pratyushshivam.github.io/doodle-drive



Lookback EXPERIENCE

The universe at true scale, in one browser tab.

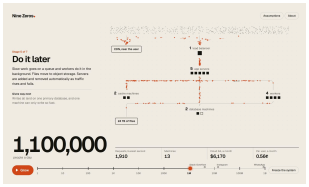
TypeScript · three.js · WebGL2 · Vite · pratyushshivam.github.io/lookback



Latency GAME

A three minute game about the speed of light.

Next.js · TypeScript · three.js · pratyushshivam.github.io/latency



Nine Zeros EXPLAINER

Will it scale, and what will it cost?

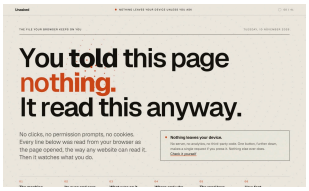
TypeScript · 2D canvas · no framework · pratyushshivam.github.io/nine-zeros



Likely EXPLAINER

Watch a language model choose its next word.

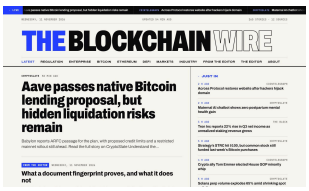
TypeScript · WebGPU · in-browser inference · pratyushshivam.github.io/likely



Unasked EXPLAINER

The file your browser hands to every website.

TypeScript · Vite · GSAP · Lenis · pratyushshivam.github.io/unasked



The Blockchain Wire PUBLICATION

Every blockchain headline, as it happens.

Node · GitHub Actions · Cloudflare · theblockchainwire.com

Skills

Every layer of the stack, from the chain to the screen.

Blockchain	Ethereum · GoQuorum · Solidity · OpenZeppelin · Hardhat · Truffle · Ethers.js · Web3.js · private, permissioned networks
Services	Node.js · NestJS · Express · GraphQL · Kafka · Redis · event-driven backends
Data	PostgreSQL · MySQL · MongoDB · Prisma · TypeORM
Interface	TypeScript · React · Next.js · React Native
Infrastructure	AWS · Kubernetes · Docker · CI/CD · observability
Payments	Stripe · Chargebee
Domain	Road freight and logistics: quotes, tours, tracking, proof of delivery, eCMR, invoicing, carbon reporting

HOW I WORK

01 **Infrastructure should be invisible.**
A dispatcher should see "approved", never a wallet or a hash.

02 **Be honest about what technology proves.**
A fingerprint is not a signature, and the chain doesn't replace people.

03 **Production is the real test.**
Designing a network is one challenge. Running it reliably every day is another.

04 **Connect once, work with everyone.**
Every integration we avoid is a project our customers never have to fund.

LEADING

Small teams with high ownership. Architecture decisions written down. Hiring for judgement. Every outage treated as a design review.

LANGUAGES

English (full professional) · German (elementary)

Education & certifications

One degree and thirteen certificates.

DEGREE

B.Tech, Computer Science

KIIT · 2018 – 2022

MOST RELEVANT TO THE WORK TODAY

Introduction to Supply Chain Finance & Blockchain Technology — COMPLETED
New York Institute of Finance

AI Fundamentals for Non-Data Scientists — COMPLETED
University of Pennsylvania

Blockchain and Cryptocurrency — 2022 – 2023
University of Michigan

FURTHER CERTIFICATES

Advanced Concepts of ReactJS — 2021
University of Minnesota

Python Programming — 2021
University of Michigan

Web Developer Bootcamp 2021 — 2021
Udemy

PHP CMS Project — 2021
Udemy

Data Science Workshop — 2020
Coding Blocks

Frontend Web Development with React JS — 2021
The Hong Kong University of Science and Technology

Web Development
University of Michigan

Java Android Development — 2021
Udemy

Java (Basic) — 2021
HackerRank

Web Development
Verzeo

Recommendations

One recommendation from 2026 and five letters from the start of the path.

> “He thinks in systems. Before any code was written, he mapped out the architecture, the data model and how everything would scale as we grew, and he explained the trade-offs in plain language so we could make informed decisions.”
>
> “I would recommend Pratyush without hesitation to anyone looking for someone who can design, build and run serious systems.”
>
> **Nitisha Jha**
> Managing Director, Keisang HR · LinkedIn recommendation · November 2026

LETTERS OF RECOMMENDATION, 2020 TO 2021



“He is detail oriented and rarely has any bugs in his finished product. Pratyush's energy is limitless and his enthusiasm serves to motivate everyone on his team.”

Vlinde GmbH

Technical supervisor · Maierhöfen, Germany · December 2020



“Pratyush is both very bright and highly professional. He is a fast learner and has shown the ability to absorb large volumes of information.”

CAW Studios

CTO · Hyderabad, India · September 2021



“I recommend Mr Pratyush without reservation. I am confident that he will quickly build rapport with your staff and stakeholders.”

Matrica

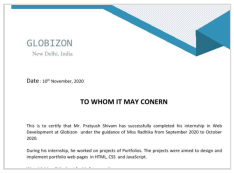
CEO / CTO · Zagreb, Croatia · April 2021



“Throughout the internship he has been exceptional. He is a great listener and learner of things.”

Appick

Founder & CEO · New Delhi, India · February 2021



“Mr. Pratyush Shivam has successfully completed his internship in Web Development at Globizon.”

Globizon

Co-founder · New Delhi, India · November 2020

The full letters are published on LinkedIn, under Featured: linkedin.com/in/pratyushshivam

Writing, films & press

Explaining the work in plain words.

ARTICLES

01 **Why Freight Belongs on a Permissioned Blockchain, Not a Public One**
3 min read · November 2026 · pratyushshivam.com/writing

02 **What a Blockchain Can Prove in Logistics, and What It Can't**
2 min read · November 2026 · pratyushshivam.com/writing

03 **The Most Expensive Part of Freight Isn't the Truck**
2 min read · November 2026 · pratyushshivam.com/writing

04 **Carbon Accounting Belongs Inside the Shipment, Not After It**
2 min read · November 2026 · pratyushshivam.com/writing

FILMS

9 short films, each explaining one idea in freight technology in under forty seconds.
pratyushshivam.com/films

THE BLOCKCHAIN WIRE

I edit a daily wire of blockchain news, read automatically from the outlets that report it.
theblockchainwire.com

IN THE PRESS · MARCH 2026

01 **The Entrepreneur Stories**
“Blockchain Visionary Pratyush Shivam Reshapes Workforce and Logistics” · theentrepreneurstories.com

02 **The Business Stories**
“Blockchain Visionary Pratyush Shivam Reshapes Workforce and Logistics” · thebusinessstories.com

03 **The Hindustan Wires**
“Blockchain Visionary Pratyush Shivam Reshapes Workforce and Logistics” · thehindustanwires.com

Thank you for reading.

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