

Souman Paul

Bengaluru, Karnataka | +91-7044137924 | paul1729blr@gmail.com | [linkedin.com/in/souman](https://www.linkedin.com/in/souman)

SUMMARY (6+ Years Experience)

Full Stack Software Engineer with 6+ years of experience building scalable, secure, and high-performance web platforms across fintech and enterprise domains. Specialized in TypeScript-based systems using Node.js, Express, React, and Next.js, with strong expertise in relational and NoSQL databases including PostgreSQL, MongoDB, and DynamoDB. Designing microservices, BFF architectures, distributed systems, and AI-integrated platforms.

SKILLS & INTERESTS

Primary: TypeScript, JavaScript (ES6+), Node.js, Express.js, React.js, Next.js.

Databases : PostgreSQL, MongoDB, DynamoDB.

Architecture & Systems: Microservices, REST APIs, BFF Architecture, Event-Driven Systems, Distributed Systems, LLD, HLD.

Cloud & DevOps: AWS (Lambda, SQS), Docker, CI/CD (Jenkins), K8S.

Monitoring: Datadog, ELK (Elasticsearch, Logstash, Kibana), Postman, Git, JIRA.

AI & Integrations Other: GenAI Service Integration, LLM Workflows, Prompt Engineering, Algorithms & Data Structures.

WORK EXPERIENCE

ALTIMETRIK

Bengaluru, KA

Senior Engineer - Product and Platform Engineering

Aug 2023- present

New York Life Insurance - Current:

Project: AI Assets Portal – Generative AI

Designed and developed a full-stack enterprise AI platform enabling secure discovery and reuse of AI assets.

- Architected scalable REST APIs using Node.js, Express, and TypeScript to support AI asset orchestration.
- Designed frontend architecture using React and Next.js for modular and performance-optimized UI workflows.
- Built LLM-integrated backend services supporting document summarization and semantic search.
- Containerized services using Docker and deployed using CI/CD pipelines.
- Established logging and monitoring standards using Datadog to ensure production stability.

Ebay - Second Client:

- Contributed to a distributed micro-frontend and microservices architecture supporting internal financial analysis tools.
- Built backend services in Node.js with MongoDB/PostgreSQL for operational reporting workflows.
- Designed reusable API modules supporting modular internal applications.
- Delivered 5 financial tools within 8 months, improving operational reporting efficiency.

PayPal - First Client:

- Developed KYC verification services using Node.js, Express, and TypeScript within a BFF architecture.
- Designed country-specific compliance workflows using structured rule engines.
- Built scalable APIs supporting crypto Buy/Sell flows for the US market.
- Optimized database interactions and ensured transaction consistency for compliance-critical flows.
- Diagnosed and resolved production incidents using Datadog logs and metrics.
- Participated in API versioning, deployment workflows, and test automation.

ACL Digital (ALTEN GROUP COMPANY)

Bengaluru, KA

Senior Fullstack Developer

Aug 2022- Aug 2023

- Contributed to the Enterprise Service Monitoring System for Eli Lilly.
- Designed backend adapter layers integrating multiple enterprise APIs.
- Implemented PostgreSQL transaction handling to ensure atomic database operations.
- Integrated AWS Lambda and SQS for event-driven communication.
- Designed frontend dashboards for service monitoring and real-time analytics.
- Built logging and visualization pipelines using ELK.

AppZoy Technologies Pvt. Ltd

Bengaluru, KA

Senior fullstack Engineer

Feb-2020-Aug 2022

- Designed and implemented full-stack applications using TypeScript, Node.js, and React.
- Built RESTful APIs and optimized PostgreSQL queries, improving response time by ~20%.
- Designed MongoDB schema structures for scalable data storage.
- Established engineering best practices and CI/CD workflows.
- Led backend-driven feature development ensuring scalability and maintainability.

EDUCATION

B.Tech – Computer Science & Engineering

Techno India University, Kolkata

CGPA: 7.02/10 | 2018