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Senior Full Stack Engineer with 5+ years of experience building fintech, payment gateway, LMS, and SaaS platforms. Expert in Node.js, TypeScript, React, PostgreSQL, and AWS. Proven track record in designing scalable distributed systems, leading development teams, and leveraging AI-assisted workflows to drive engineering efficiency.

Experience

Zedpe (Hybrid) Dec 2024 – Present

- Lead full-stack development for a fintech UPI payment gateway processing **10M+** monthly transactions with high peak concurrency and **99.9% uptime**.
- Mentored junior developers, defined engineering standards, and conducted rigorous code reviews.
- Designed event-driven microservices architecture; implemented rate limiting, idempotency, and OAuth/JWT authentication to ensure system reliability.
- Built and optimized UPI payment APIs via high write throughput with **DyanamoDB** and GraphQL data layer, integrating with multiple banking networks and regulatory compliance systems.
- Implemented payment verification workflows, webhook handlers, and real-time transaction status tracking.
- Leveraged AI-assisted development workflows to accelerate feature delivery and reduce development time by approximately 30%.
- Improved platform reliability and reduced latency using **Redis caching** and **PostgreSQL** query optimization over ECS.

Chahal Academy (Remote) Aug 2023 – Dec 2024

- Led development of a large-scale LMS supporting **10,000+ active students** and instructors; improved test completion rates and overall engagement.
- Implemented video tracking, test analytics, and dynamic report generation using **Node.js, TypeScript, and React**.
- Built companion **React Native** mobile app for students; integrated AWS SES notifications, Redis caching, and PhonePe payments.
- Deployed backend on **AWS EC2** with Nginx; managed CI/CD pipelines via GitHub Actions, reducing deployment time by **~40%**.

Eupheus Learning (Delhi) Aug 2021 – Aug 2023

- Built scalable education and CRM platforms, improving internal workflow efficiency by **30%**.

- Integrated third-party APIs including SAP Business, HRone, SMS, Email, and multiple payment gateways.
- Optimized REST API performance with **Redis caching** and query tuning, reducing average response times by **~35%**.

Technical Skills

- **Languages:** JavaScript, TypeScript, PHP, SQL
- **Frontend:** React, React Native (Mobile), Next.js (App Router), Tailwind CSS, Material UI, Bootstrap, Redux, React Query
- **Backend:** Node.js, Express.js, Laravel, GraphQL, Prisma ORM, Sequelize ORM
- **Databases & Messaging:** PostgreSQL, MongoDB, MySQL, Redis (Caching & Queues), DynamoDB
- **Cloud & DevOps:** AWS EC2, ECS, VPS, Nginx, GitHub Actions, Docker
- **Tools:** Git, Postman, Figma, Adobe Photoshop, ESLint, VS Code
- **AI Development Tools:** Cursor, GitHub Copilot, Claude Code, Advanced LLM Integration
- **System Design & Architecture:** Microservices, Event-Driven Architecture, API Gateway, Rate Limiting, Idempotency, OAuth/JWT, CI/CD

Projects

Zedpe Payment Gateway | *Node.js, TypeScript, React, Redis, PostgreSQL, AWS*

- Architected a secure UPI & QR-based payment gateway processing **10M+** in Monthly transactions with near-zero downtime.
- Designed GraphQL APIs, webhook verification, settlement reconciliation, and real-time transaction status updates.
- Applied Redis for caching, idempotency keys, and rate limiting — significantly improving reliability under load.

Learning Management System (LMS) | *Node.js, TypeScript, React, PostgreSQL, Redis*

- Developed a scalable LMS supporting **10,000+ active students** and teachers with course management, video streaming, and online assessments.
- Built notification system using AWS SES and background job queues for async processing.

AI Guide — AI-Powered Assistant | *Next.js, TypeScript, Prisma ORM, PostgreSQL*

- Built a full-stack AI assistant application using **Next.js App Router** and **TypeScript** with server-side rendering, API routes, and streaming responses.
- Integrated AI/LLM APIs with a clean Prisma ORM data layer backed by PostgreSQL for session and history management.

Education

B.Tech in Computer Science, JB Knowledge Park (2022)

Diploma in Computer Engineering, Aditya Institute of Technology (2019)

Additional Information

- **Notice Period:** Immediate / 30 days | **Target Roles:** Senior / Lead Full Stack Developer, AI Engineer
- **Note:** Private production codebases are under NDA — architecture walkthroughs available on request.