

PRADEEP KUMAR PRAMANIK

Backend Lead • Full Stack Engineer • Node.js & AWS Specialist

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PROFESSIONAL SUMMARY

Results-driven Backend Lead and Full Stack Engineer with 6+ years of experience building and shipping scalable web and mobile applications across fintech and maritime industries for international clients. Proficient in Node.js, TypeScript, Python, React, Flutter, and AWS — with hands-on expertise in microservices architecture, Docker, Redis, CI/CD, and AI-driven automation. Led and mentored teams of 3+ engineers, owning architecture design, code reviews, database design, DevOps, and client communication end-to-end.

EXPERIENCE

Backend Lead | Varuna Marine Services B.V.

May 2024 – Present

Remote • Netherlands

- Implemented a real-time vessel tracking platform covering 100–200 ships, processing GPS/AIS data and supporting voyage planning, alerts, and notifications across React and Flutter apps.
- Built emissions reporting modules covering CII, EEXI, and EU ETS compliance standards using Node.js/TypeScript and NestJS, enabling zero-error regulatory submissions for international maritime operations.
- Developed an automated Python pipeline for the survey and inspection module — replacing manual reporting, reducing effort by 70%+, and delivering regulatory reports directly to clients and authorities.
- Architected a microservices backend using Node.js, TypeScript, NestJS, Docker, Redis, MongoDB, and PostgreSQL, delivering reliable APIs consumed by both web and mobile clients.
- Led and mentored a team of 3 engineers — conducting code reviews, managing AWS deployments, and collaborating directly with international stakeholders on feature delivery.

Backend Developer | moneyNmore

Jun 2022 – Jan 2024

Remote • United Kingdom

- Developed core backend APIs for a UK fintech platform serving 1,000–10,000 users, covering payment processing, wallet transfers, gift card buying/selling/redemption, KYC verification, and transaction reporting.
- Implemented FCA compliance workflows and AWS Cognito-based authentication, ensuring the platform met UK financial regulatory requirements across all user-facing features.
- Designed RESTful APIs powering both a Flutter mobile app and a React web application, ensuring consistent cross-platform data delivery across all core product flows.
- Containerised deployments using Docker and AWS; implemented CI/CD pipelines via Jenkins and GitHub Actions — improving release consistency and reducing manual deployment steps.

Full Stack Developer | Cotocus Pvt Ltd

Aug 2019 – Apr 2022

Bokaro, Jharkhand, India

- Led technical decisions within a team of 2–3 developers, architecting and delivering a Hospital Management System (HMS) covering patient records, appointment booking, and role-based authentication.
- Built a B2C service provider marketplace end-to-end — implementing service booking flows, user authentication, and third-party API integrations using Node.js/TypeScript and Laravel/PHP.
- Owned the full-stack codebase across REST APIs, React web frontends, and Flutter mobile apps — delivering consistent, production-ready releases across web and mobile platforms.
- Designed MySQL database schemas for complex relational data; deployed and maintained applications on AWS.

PROJECTS

Chotu — Hyperlocal Delivery Platform | *Node.js, TypeScript, React, Flutter, MongoDB, Redis, Docker, AWS* 2025 (8 months)

- Built a Blinkit-style hyperlocal delivery platform connecting customers with nearby local stores, delivering 4 role-based dashboards — Customer, Store Manager, Delivery Partner, and Admin.
- Managed end-to-end platform operations including products, orders, deliveries, and admin controls.

AI Development Workflow Automation | *n8n, Claude API, Telegram Bot API, Node.js* 2026 (5 weeks)

- Built an n8n automation workflow integrating the Claude API and Telegram — automatically fetching project issues, generating code and test cases, capturing screenshots, and delivering live app links via Telegram.
- Eliminated manual context-switching and significantly accelerated development cycles.

TECHNICAL SKILLS

Languages & Runtimes: Node.js, TypeScript, JavaScript, Python, PHP

Frameworks: NestJS, Express, Laravel, React, Flutter

Cloud & DevOps: AWS, Docker, Jenkins, GitHub Actions, SonarCloud, CI/CD

Databases & Caching: MongoDB, PostgreSQL, MySQL, Redis

Architecture: Microservices, REST APIs, Serverless, Event-driven Systems

AI & Automation: n8n, Claude API, AI Workflow Automation

Soft Skills: Team Leadership, Mentoring, Code Reviews, Client Communication, System Design

EDUCATION

B.Tech / B.E. — Computer Science

2015 – 2019

Rajeev Gandhi Proudyogiki Vishwavidyalaya, Bhopal

CERTIFICATIONS

- Ultimate AWS Certified Developer Associate (DVA-C02) — In Progress — Udemy (Expected 2026)
- JavaScript — The Complete Guide (Beginner + Advanced) — Udemy (2020)
- JavaScript Algorithms and Data Structures — Udemy (2021)
- Ethical Hacking & Networking — Indian Cyber Security Solutions (2019–2020)