

ASHWIN SOLANKI

Full-Stack Engineer • Next.js / Node.js • Cloud & CI-CD • 5+ Years Building Production Web Platforms
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PROFESSIONAL SUMMARY

Full-stack engineer with 5+ years delivering production web applications end to end — from React/Next.js front-ends and Node.js services to the CI/CD pipelines and cloud infrastructure that ship them. Currently building an AI-assisted fintech tax platform, owning everything from feature development to multi-environment Docker deployments on AWS. Comfortable across the stack: TypeScript, Prisma/PostgreSQL, LLM integrations, Jenkins automation, and observability. Runner-up among 150 participants at a competitive blockchain hackathon.

PROFESSIONAL EXPERIENCE

NeoSOFT Pvt. Ltd., Mumbai • *Software Engineer (Full-Stack)* 04/2023 – Present

Currently the lead full-stack engineer on PlanMyTax — an AI-assisted tax-filing platform (client engagement). Own the product from feature code to production deployment.

- **AI-Powered Product Development:** Built core features of an AI tax-assistant platform with Next.js 15 (App Router) and TypeScript, integrating OpenAI via the Vercel AI SDK and AssemblyAI for conversational and voice-driven tax guidance.
- **Full-Stack Architecture:** Engineered the application end to end — React + Redux Toolkit + Radix/Tailwind UI on the front end, Node.js APIs with Prisma and PostgreSQL on the back end, including JWT/OTP authentication and DB-backed global rate limiting.
- **CI/CD & Cloud Infrastructure:** Designed and maintained Jenkins multibranch pipelines deploying to dev, QA, UAT, and production via Docker, Docker Compose, AWS ECR/EC2/S3, and Ansible — eliminating cross-environment container collisions and standardising release flow.
- **Reliability & Observability:** Instrumented services with Grafana + Loki for centralised log querying and faster incident triage; hardened deployments by enforcing reproducible builds (npm ci, version pinning) across environments.
- **Quality & Performance:** Established Vitest unit and component test suites; optimised front-end performance to cut load times ~40% and lift user engagement ~25%, translating Figma designs into responsive, accessible interfaces.
- **Delivery:** Owned the full lifecycle for 15+ web applications, running daily scrums and shipping 20+ releases on schedule for 100K+ active users.

Fincrx Technologies, Mumbai • *Technical Specialist* 04/2022 – 03/2023

- **Process Automation:** Built user-management systems and consolidated cron jobs with comprehensive logging, improving operational efficiency ~30% and cutting manual intervention ~50%.
- **Front-End Development:** Developed reusable React + Bootstrap UI components, resolving bugs and raising customer satisfaction ~25%.
- **Scalability:** Scaled backend systems to support new features and growing data volumes, enabling onboarding of 10,000 new users within 6 months.
- **Growth & Campaigns:** Led cross-functional teams running 50+ email/WhatsApp campaigns via Sendinblue and Gupshup, and collaborated with founders on integrating ML/AI into the product roadmap.

Fincrx Technologies, Mumbai • *Junior Software Engineer* 02/2020 – 03/2022

- Built responsive interfaces with HTML, CSS, Bootstrap, and reusable components; resolved 95% of user queries within 24 hours.

- Developed and maintained high-traffic web apps with Node.js, React.js, Tailwind, and MongoDB; authored ER diagrams and documentation for maintainability.
- Used Tableau and Power BI to turn historical data into product decisions improving user experience.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Rust, Python, Java, C++

Frontend: Next.js, React, Redux Toolkit, Radix UI / shadcn, Tailwind, Bootstrap

Backend: Node.js, NestJS, GraphQL, Prisma, REST APIs, JWT/OTP auth

AI / LLM: OpenAI, Vercel AI SDK, AssemblyAI

DevOps & Cloud: Docker, Docker Compose, Jenkins (multibranch CI/CD), Ansible, AWS (EC2, S3, ECR, Serverless)

Databases: PostgreSQL, MySQL, MongoDB, Redis

Observability & Testing: Grafana, Loki, Vitest

Version Control: Git, SVN

EDUCATION

M.Sc. Computer Science • Mumbai University 2021 – 2023
CGPI 9.44

B.Sc. Information Technology • St. Andrew's College, Mumbai University 2017 – 2020
CGPI 9.33

Certified Data Science Program • BSE Institute Ltd. 2021
Score 87%

SELECTED PROJECTS

Decentralized Blog Platform — Ethereum

- DApp on Ethereum with Solidity smart contracts, Web3.js, and Ganache; wallet-based auth, immutable posts, and tokenized rewards for high-quality content.

Snake Game — Rust

- Classic Snake built in Rust with the piston_window crate, using a linked-list body model and Rust's ownership/concurrency features for safe, performant gameplay.

COMPETE — Social Platform for Creative Sharing

- Feature-rich platform (auth, posts, comments, real-time chat, weekly competitions) using HTML5/CSS, PHP, and MySQL.

Bank CLI Application — C++

- CLI banking simulator with encrypted credentials, unique account IDs, and secure inter-account transactions.