

OBJECTIVE

Results-driven professional with over 2 years of experience, seeking to contribute as a Full-Stack Developer by delivering production-ready web solutions, streamlining workflows, and leveraging modern front-end, back-end, and serverless technologies.

CORE COMPETENCIES

- Full-Stack Development
- Frontend Development
- Backend Development
- Tailwind CSS / Responsive UI
- Serverless Architecture
- Cloudflare Workers
- CI/CD & DevOps
- Authentication & Security
- AI Code Review & Testing
- Project Deployment & Production-ready Solutions
- Student Engagement & Knowledge Transfer

EDUCATION

- **100xDevs, India — Full Stack Web Development (MERN Stack)**
Jan 2025 – Sep 2025
- **FreeCodeCamp, Remote — JavaScript and Responsive Web Design**
Nov 2023 – Jun 2024
- **CUSAT, India — Bachelor of Technology in Mechanical Engineering**
Jul 2016 – Nov 2020 | GPA: 7.50

PROFILE SUMMARY

- Innovative **Full-Stack Developer** with expertise in building scalable, end-to-end web applications using modern technologies like **Next.js, React, Node.js, and PostgreSQL**. Combines a deep understanding of UI/UX with robust backend engineering to deliver high-performance digital products.

Core Expertise & Impact:

- **Full-Stack Development:** Proficient in architecting and developing scalable systems across the entire stack—from responsive, accessible UIs with **React, Next.js, and Tailwind CSS** to robust backend services with **RESTful APIs, Node.js, Express, and Prisma ORM**.
- **DevOps & Deployment:** Experienced in implementing **CI/CD pipelines** with **GitHub Actions**, containerizing applications with **Docker**, and utilizing serverless platforms like **Cloudflare Workers** to ensure efficient and reliable deployment cycles.
- **Software Engineering Best Practices:** Committed to writing clean, maintainable code through **Test-Driven Development (TDD) with Jest**, rigorous version control (**Git**), and a thorough understanding of the complete **Software Development Lifecycle (SDLC)**.
- **Security & Performance:** Skilled in implementing secure authentication (**JWT, NextAuth**) and optimizing applications for performance and accessibility, ensuring a superior user experience across all devices.
- **Collaborative Agile Team Player:** Effective communicator experienced in **Agile methodologies**, fostering alignment between cross-functional teams to ensure on-time and high-quality project delivery.

TECHNICAL SKILLS & TOOLS

- **Languages:** JavaScript, Typescript, HTML, CSS, Python
- **Frontend:** React, Next.js, Tailwind CSS, Recoil
- **Backend:** Node.js, Express, Hono, Cloudflare Workers
- **Databases/ORM:** PostgreSQL, Prisma ORM
- **DevOps & Tools:** Git, Docker, GitHub Actions, CI/CD, EC2
- **Frameworks/Libraries:** Jest, NextAuth, Zod, Turborepo, JWT
- **Other Areas:** RESTful APIs, Serverless Backend, Authentication, Role-Based Access Control, Input Validation, Schema Design, Connection Pooling

WORK EXPERIENCE

Jun 2024 – Present: Invisible Technologies, Remote – USA | Advanced AI Data Trainer – JavaScript, HTML, CSS

Key Result Areas:

- Evaluated and refined AI-generated code across JavaScript, HTML, CSS, and Python, ensuring adherence to logic, syntax, and client-specific style standards prior to engineering handoff.
- Driving process improvements for AI testing and validation workflows, ensuring alignment with industry best practices and client expectations.
- Developed advanced front-end coding challenges, including 3D CSS carousels and responsive navigation systems, to assess AI model performance and enhance the accuracy of training datasets.
- Authored comprehensive Jest unit tests for AI-generated outputs, identifying functional inconsistencies and validating code quality through systematic testing.
- Engineered targeted adversarial prompts to reveal AI model limitations, followed by coding optimized solutions aligned with established frameworks and best practices.

Highlights:

- Reviewed and refined over 200 AI-generated code snippets, ensuring adherence to client standards
- Enhanced the accuracy of AI-generated code by achieving a 20% reduction in syntax and logic errors through systematic review and correction.

Mar 2022 – Oct 2023: Tata Consultancy Services, Kochi, India | Assistant Systems Engineer

Key Result Areas:

- Collaborated with globally distributed teams across England, France, and the USA to resolve technical incidents within defined SLA timelines.
- Adhered to ITIL frameworks and internal documentation standards while performing Windows L1 administration activities.
- Participated in shift handovers and team reviews to ensure seamless 24/7 operational coverage and effective knowledge transfer.
- Administered user accounts, generated backup reports, and performed routine server maintenance in alignment with change management procedures.

Nov 2020 – Mar 2022: Numerade, Remote – USA | STEM Educator

PROJECTS UNDERTAKEN

Jan 2025 – Sep 2025: 100xDevs | Remote, India | Full-Stack Developer Cohort

- Project: [Paytm Clone – Full-Stack FinTech Application](#) | Technologies: Next.js, Express, Turborepo, PostgreSQL, Prisma, Tailwind, Docker, GitHub Actions**
- Developed a comprehensive full-stack payment platform replicating core Paytm functionalities, including fund addition, peer-to-peer transfers, merchant withdrawals, and transaction tracking.
 - Designed and implemented a robust PostgreSQL database schema with Prisma ORM to efficiently manage users, merchants, account balances, and real-time P2P transactions.
 - Integrated bank webhooks (HDFC/Axis simulators) to securely process on-ramp transactions and ensure real-time balance updates.
 - Created responsive, intuitive dashboards using Next.js and Tailwind to monitor account balances, deposits, and transaction histories.
 - Automated end-to-end CI/CD pipelines with GitHub Actions and Docker, deploying production-ready containers to AWS EC2.
 - Implemented secure authentication via NextAuth and enforced transaction validation mechanisms to ensure platform security and integrity.
- Project: [Medium Clone – Full-Stack Blogging Platform](#) | Technologies: React, Typescript, Cloudflare Workers, Hono, Prisma, PostgreSQL, Zod, JWT, Recoil**
- Developed a full-stack blogging platform with secure user authentication, content publishing, and personalized dashboards.
 - Built a dynamic React + Recoil frontend with protected routes, efficient blog caching, and responsive UI rendering.
 - Deployed a serverless backend on Cloudflare Workers using the Hono framework, ensuring low-latency API responses.
 - Designed RESTful endpoints for authentication and blog management, supporting operations such as signup, signin, single blog access, and bulk blog actions.
 - Implemented JWT-based authentication middleware to secure routes and enforce role-based access control.
 - Modeled and optimized relational data structures with Prisma ORM and PostgreSQL, leveraging Accelerate for efficient connection pooling.
 - Ensured end-to-end input validation and type safety using Zod schemas with automatic frontend type inference.