

Tejas Nirala

tejasnirala4@gmail.com | [+91-9771957520](tel:+91-9771957520) | linkedin.com/in/tejas-nirala | github.com/tejasnirala

Professional Synopsis

Full Stack Engineer specializing in React/Node.js with 2.8 years architecting scalable SaaS, enterprise, and blockchain platforms. Proven track record of owning features end-to-end — from system design to delivery — across fintech, supply chain, and HR domains. Known for building performant frontend systems, designing distributed backend services, and driving measurable improvements in reliability, security, and team productivity..

Technical Skills

Languages: C++, TypeScript, JavaScript, Python, SQL

Frontend: React.js, Next.js, Redux, Tailwind CSS, MUI, Shadcn/ui

Backend & Databases: Node.js, REST API Development, MongoDB, PostgreSQL, Redis

Cloud Infrastructure: AWS EC2, S3, IAM, CloudWatch

DevOps: Docker, CI/CD Pipeline, Nginx, Git, Postman

AI-Assisted Development: Claude Code, Cursor, Antigravity, ChatGPT

Experience

Full Stack Engineer, Briskcovey Technologies – Jaipur, Rajasthan

Jun 2025 – Present

KBAI : Business AI Platform

app-kbai.aionsoft.it

- Architected **modular, reusable, and scalable UI components** using the **MUI library**, enforcing consistent design patterns across the platform and reducing code duplication by 25%..
- Engineered frontend performance improvements — **code-splitting, lazy loading, debounced input handling, and component memoization** — reducing initial load time by 40%.
- Designed fine-grained **Role-Based Access Control (RBAC)** at page, component, and API levels, reducing unnecessary API calls by 30%.
- Owned **end-to-end Auth0-based authentication integration with JSON Web Tokens (JWT)**, enhancing system security and reducing authentication-related errors by 20%
- Implemented **internationalization (i18n)** to enable multi-language support, enabling support for 2 languages and expanding platform accessibility to non-English speaking users.

Cablinks – HR and Accounting Management System

cablinks.org

- Led a team of 3 developers in architecting and delivering an **end-to-end accounting management system** covering inventory control, quotation handling, billing, and transaction recording for 500+ users.
- Optimized **payroll sub-module** with multi-factor salary computation (attendance, allowances, taxes, deductions), reducing payroll errors by 20%.

Software Development Engineer, Cybernext Pvt Ltd – Mohali, Punjab

Jul 2023 – Feb 2025

Skuchain – Blockchain-Based Supply Chain and Trade Finance Solutions

skuchain.com

- Engineered a revamped **SDK** for a **microservices-based distributed system** for supply chain platform, applying **OOPs, SOLID** and **DRY** design patterns to migrate from Cosmos-SDK to an EVM-based chain, improving blockchain throughput by 15%.
- Designed and built 20+ **RESTful API** endpoints and **Payload CMS hooks** for **multi-tenant CMS**, facilitating seamless data exchange and reducing blockchain processing latency by 12%, leading to faster transaction confirmation times.
- Streamlined blockchain and database management workflows via **Yargs CLI tool** development; this minimized manual scripting efforts and reduced human error rates during database updates by 15%.
- Authored detailed project documentation utilizing **VitePress**, decreasing clarification requests from stakeholders by 40% and accelerating project onboarding for new team members within the first sprint.
- Collaborated with teams across time zones on sprint planning, retrospectives, and daily standups to support monthly releases with 3+ features using **Agile methodology**.

Education

BE in Computer Science and Engineering, Chandigarh University

Aug 2020 – May 2024