Tejas Nirala

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Professional Synopsis

Full Stack Developer with 2 years of experience in scalable UI engineering and system architecture; recognized for contributions to agile product delivery across different sectors. Achievements include reducing blockchain processing time by 15% through SDK revamp and decreasing stakeholder clarification requests by 40% via detailed documentation practices.

Technical Skills

Languages: C++, TypeScript, JavaScript, SQL

Core Skills: DSA, Database Management, REST API Development, Testing (Jest, Cypress)

Technologies: NextJs, ReactJs, Redux, TailwindCSS, MUI, Shadcn, NodeJs, Mongoose, NoSQL, Git, Jira, Postman

DevOps Tools: Docker, GitHub Workflows, AWS EC2, Redis

Experience

Full Stack Developer, Briskcovey Technologies – Jaipur, Rajasthan   Jun 2025 – Present

KBAI : Business AI Platform   *kbai.aionsoft.it*

- Developed and maintained **modular**, **reusable**, and **scalable UI components** via **MUI library** to ensure consistency and reduce code duplication across the application by 40%.
- Enhanced UI responsiveness by implementing **code-splitting**, **lazy loading**, **debounced input handling**, and **component memoization**, achieving a 35% faster initial load time.
- Engineered **fine-grained**, scalable **Role-Based Access Control (RBAC)** on the frontend to handle permissions at page, component, and API levels, reducing the unnecessary API calls by 30%.
- Configured and maintained **Cypress end-to-end automated testing** to validate user flows and improve application reliability by 35%.
- Implemented **internationalization (i18n)** to enable multi-language support across the UI, increasing user engagement by 30%.
- Spearheaded the integration of **Auth0-based login** to improve system security and streamline user authentication with **JSON Web Tokens**, which enhanced the UX by 35%.

Cablinks – HR and Accounting Management System   *cablinks.com*

- Led a team of 3 developers to architect and consolidate the **end-to-end accounting management system** encompassing inventory control, quotation handling, billing processes, and transaction recording for 1000+ users.
- Optimized the **Payroll sub-module logic** to ensure accurate salary calculations by integrating multi-factor inputs including attendance, allowances, taxes, and deductions, leading to a 20% reduction in errors.

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** using **OOPs, SOLID**, and **DRY** principles, enabling a seamless migration from Cosmos-SDK to EVM based chain which improved the overall blockchain throughput 15%.
- Created 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.
- Improved user experience with **RBAC**, reducing access-related support tickets by 30+.
- 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 team 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