Utkarsh Goswami

AI Fullstack Engineer

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Experience

Software Engineer April 2025 – Present
Meesho *Bengaluru*

- Architected an **AI-powered Audit Platform** processing **450K+ claims daily**, contributing to the **Python** services that generate custom variables for **personalized prompt engineering**, reducing human audit intervention by **78%**.
- Built a hybrid **Monorepo (pnpm)** utilized across all webviews, featuring a config-driven **BFF layer in Node.js** and a centralized **Vite SPA bundler**, improving bundling performance by **30%**.
- Engineered a high-performance output dashboard using **React and Redux Toolkit**, providing interactive **charts and tabular data visualizations** that accelerated data analysis time for stakeholders by **40%**.
- Leveraged **Webpack Module Federation** to integrate the platform as a Microfrontend, enabling independent deployments and reducing release cycle times by **30%** while ensuring interoperability via **Tailwind CSS**.
- Developed an org-wide **JS bridge library** for Android-webview communication and a centralized web performance package, reducing development time by **50%** and enabling AI coding agent compatibility.

Associate Software Engineer June 2023 – March 2025
LeadSquared *Bengaluru*

- Engineered SIERA, a next-gen self-serving reporting tool, building the **Go backend services** and query layer that deliver personalized reports within **1 second** for datasets of up to **100K+ records**, reducing load times by **50%**.
- Amplified tool adoption by **70%** through strategic implementation of dashboards, multi-grouped charts, and a mobile-responsive Report Builder backed by **Go** APIs.
- Developed an **internationalization layer**, enabling multi-language support and increasing global user engagement by 30%.
- Architected an internal **OPS portal** with a **Go** backend to automate deployment pipelines and environment configurations, accelerating release cycle times by **50%**.

Software Developer Intern May 2022 – June 2023
LeadSquared *Bengaluru*

- Spearheaded development of 10+ core features and collaborated on 15+ additional product enhancements.
- Diagnosed and resolved 60+ critical platform bugs, reducing crash rates by **40%** and improving overall system uptime to **99.9%**.

Technical Skills

Languages: JavaScript (ES6+), TypeScript, Go, Node.js, Python, HTML5, CSS3
Backend & Databases: Go, Node.js, BFF Layer, REST APIs, Microservices, MongoDB
Frameworks/Libraries: React.js, Next.js, Redux Toolkit, Zustand, Tailwind CSS, ShadCn-UI, Ant Design
Tools & Architecture: Webpack (Module Federation), Vite, pnpm, Microfrontends, Docker, Kubernetes, AWS, GCS, Git, Vitest, Jest
Developer Tools: VS Code, Visual Studio, Goland, Eclipse, Postman

Education

Chitkara University Punjab, India
Bachelor of Engineering in Computer Science (CGPA: 9.89) *Aug. 2019 – May 2023*

Projects

Hive | ***Electron, React, TypeScript, node-pty, WebSocket***

- Built a desktop application managing many concurrent CLI sessions, moving **PTY ownership into a detached background daemon** so sessions survive application restarts with full scrollback.
- Implemented a **token-authenticated localhost WebSocket** transport with per-session buffers, split-view rendering, and keyboard-driven session switching.

Jotion | ***Next.js, TypeScript, Convex, Clerk, ShadCN UI***

- Implemented a hierarchical document structure with **infinite nested pages**, dark/light mode, and real-time synchronization.
- Integrated **Clerk** for secure user authentication and role-based access control, achieving a **100 Lighthouse score** for accessibility and performance.

Achievements

Spotlight Award: Successfully delivered the critical "Report Scheduler" feature in SIERA at LeadSquared.
Spotlight Award: Recognized for outstanding commitment and consistent high-quality delivery of product enhancements.