

Senior Software Engineer with 5+ years building scalable backend systems and developer tooling using Node.js, React, Go, and AWS. Specialized in performance optimization, legacy modernization, and developer productivity tooling. Leads complex projects end-to-end, mentors engineers, and drives higher engineering standards across teams.

Work Experience

Senior Software Engineer I **PeopleGrove** **Jan 2025–Present**
Engagement Hub *Mumbai, India*

- Identified and resolved critical performance bottlenecks, significantly reducing API latency by 30% and improving query performance.
- Led migration to Expo 54, unlocking modern platform capabilities and improving long-term maintainability of the mobile codebase.
- Designed a modular V2 signup flow and notification system, integrating AI-assisted tooling and push notification logic to improve user retention.
- Re-engineered legacy Two-Factor Authentication (TFA) to eliminate OTP vulnerabilities and strengthen platform security controls.

Software Engineer II **PeopleGrove** **Jan 2024–Jan 2025**
Engagement hub *Mumbai, India*

- Improved feature maintainability by implementing extensible backend architecture for new product modules.
- Formulated ideas and led architectural POCs, including a real-time CDC pipeline, eliminating data lag and improving search consistency.
- Closed onboarding gaps for new engineers by mentoring teammates on the codebase and coding standards, accelerating ramp-up and improving code quality.
- Automated developer setup workflows, cutting onboarding time down by 90% via custom scripts and comprehensive documentation.

Software Engineer I **PeopleGrove** **July 2021–Dec 2023**
Engagement hub *Mumbai, India*

- Addressed maintainability issues in new features by implementing product requirements with extensible architecture, improving flexibility for future updates.
- Reduced UI inconsistency across the platform by contributing to the internal React component library, standardizing reusable components.
- Improved frontend performance and developer onboarding by migrating state-heavy modules from Redux-Saga to React Query and Jotai and automating local setup with scripts and documentation.

Software Engineer **SquareBoat** **June 2020 - June 2021**
Gurgaon, India

Aiisma :

- Enabled backend-driven feature rollout by designing modular native UI APIs., enabling backend-driven UI updates and dynamic feature rollout.
- Reduced fragmented moderator workflows by building a full-stack admin dashboard, centralizing ecosystem management and improving operational efficiency.

Safe Security :

- Improved asset onboarding from external systems by developing integration APIs for SAFE Enterprise, automating third-party data ingestion.
- Strengthened enterprise onboarding reliability by building tested, reusable UI components with comprehensive unit test coverage.

Technologies and Languages

- **Languages:** JavaScript, TypeScript, Go
- **Backend:** Node.js, NestJS, Express
- **Frontend:** React, React Native, Redux, React Query, Jotai
- **Databases:** PostgreSQL, MongoDB, MySQL, Redis
- **Infrastructure:** AWS, Docker, Elasticsearch, Message Queues, Cloud Functions
- **Testing:** Jest, Mocha
- **Architecture:** Microservices, Event-driven systems, REST APIs, CDC pipelines

Education

- B.tech, Electronics & Communication, Maharaja Agrasen Institute of Technology, India. 2016 - 2020

Open Source Contributions

nestjs-localization (Open Source NPM Package)

- Created [@squareboat/nestjs-localization](https://github.com/squareboat/nestjs-localization), an NPM package enabling internationalization for NestJS APIs through structured translation files and runtime string resolution.
- Designed localization utilities including pluralization, fallback language handling, and dynamic string interpolation, simplifying multi-language API support for backend services.

NestJS Boilerplate — github.com/squareboat/nestjs-boilerplate

- Reduced repetitive service setup by implementing module scaffolding utilities, enabling developers to generate new NestJS modules with standardized structure.
- Simplified complex API response handling by enhancing response transformers to support nested includes, improving flexibility of API data transformations.