

Professional Summary

Frontend-focused Software Engineer with 2.5+ years of experience building high-performance web, desktop, and mobile applications. Specialized in Angular, TypeScript, Electron, and Android (Kotlin), with a proven record of optimizing large codebases and shipping production apps. Reduced Electron app size by 65%, built applications used by 6,000+ users, and actively contribute to open source with 30+ GitHub repositories. Solved 430+ LeetCode problems, demonstrating strong problem-solving fundamentals. Comfortable leveraging AI-assisted development tools to improve productivity while maintaining code quality and sound architecture.

Technical Skills

**Frontend:** Angular, TypeScript, JavaScript, HTML5, CSS3, Bootstrap  
**Backend:** Node.js, Express.js, NestJS, GraphQL  
**Desktop:** Electron  
**Mobile:** Android (Kotlin), Ionic  
**Databases:** Firebase, MySQL, PostgreSQL  
**DevOps & Tools:** Docker, GitHub Actions, DigitalOcean, GitHub Pages, Git  
**Developer Workflow:** AI-assisted development (ChatGPT, IDE-based AI tools) for refactoring, test generation and documentation

Professional Experience

Software Developer, Next Education

05/2024 - 09/2025

- Reduced Electron application bundle size by **65% (440MB → 150MB)**, significantly improving download time and user experience.
- Upgraded Electron architecture from **v22 to v28**, improving performance, stability, and long-term maintainability.
- Developed interactive educational simulations for **Physics, Chemistry, and Mathematics** using AngularJS, deployed across multiple learning modules.
- Contributed to a **Next.js-based website builder** supporting custom themes, SEO configuration, and real-time previews.

Associate Software Developer, AlcoveX Product Studio

02/2023 - 11/2023

- Built responsive and interactive web interfaces using **Angular and Bootstrap**, improving usability and engagement.
- Implemented **GraphQL** for optimized and flexible data fetching, reducing over-fetching and improving performance.
- Worked closely with cross-functional teams to deliver high-quality features following clean-code and best practices.

Software Engineer Intern, AlcoveX Product Studio

05/2022 - 09/2022

- Developed and maintained cross-platform web and mobile applications using **Angular and Ionic**.
- Authored a **custom Ionic Android library in Java**, enabling deeper native integration and reusable components.

Projects

Sally - Trip Expense Calculator (GitHub)

Web Application • Open-Source (TypeScript, Angular, HTML/CSS)

https://sally.sumanth.dev

- Built a fully offline, client-side expense-splitting web application using **Angular and TypeScript**, with no backend dependency.
- Implemented group-based expense tracking, settlement calculations, and persistent local storage.
- Designed for privacy-first usage and PWA-style performance.

GITAMite - Student Companion App (Play Store)

Android Mobile Application (Kotlin, Android Studio)

https://play.google.com/store/apps/details?id=com.supersuman.gitamite

- Designed and developed an Android application used by **6,000+ students** to streamline academic and administrative workflows.
- Implemented Firebase-based authentication and real-time data synchronization.
- Published, monitored, and maintained the app on the Google Play Store.

Open Source & Coding Profiles

- GitHub:** 30+ public repositories, ~200 stars across frontend, Electron, Android, and utility projects.
- LeetCode:** Solved **430+ problems** across arrays, strings, hashing, greedy algorithms, and dynamic programming.
- HackerRank:** Certified in Problem Solving (Intermediate), Angular (Intermediate), JavaScript (Intermediate).

Certifications

Android Study Jams - Educator Google	Problem Solving - Intermediate HackerRank	Angular - Intermediate HackerRank	JavaScript - Intermediate HackerRank
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Education

Computer Science Engineering

Gandhi Institute of Technology and Management

04/2019 - 05/2023

Profiles