Sumanth Perambuduri

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Summary

Highly skilled and experienced developer with a strong background in creating full stack web applications and Android native apps.

Proficient in utilizing a wide range of programming languages, frameworks, and tools to deliver robust and user-friendly solutions.

Experience

Software Developer, Next Education
05/2024 - 09/2025

Reduced app executable size by **65%** (from 440MB to 150MB), significantly improving download speeds and user experience. Upgraded product architecture from **Electron v22 to v28**, resulting in noticeably improved performance. Developed **interactive simulations** for educational concepts across Physics, Chemistry, Mathematics, and other subjects using **AngularJS**. Contributed to building a dynamic **website builder** with features like **custom themes**, **SEO settings**, and real-time previews using **Next.js**.

Associate Software Developer, AlcoveX Product Studio
02/2023 - 11/2023

Crafted responsive and interactive web interfaces using **Angular** and **Bootstrap**, enhancing user experience and engagement. Implemented **GraphQL** for optimized data retrieval, allowing for flexible and efficient data queries. Collaborated with cross-functional teams to deliver high-quality software solutions, adhering to best practices and meeting project deadlines.

Software Engineer Intern, AlcoveX Product Studio
05/2022 - 09/2022

Developed and maintained web and mobile applications using **Angular** and **Ionic**, ensuring high performance and cross-platform compatibility. Authored a custom **Ionic Android library** with **Java**, enhancing native functionalities and integration capabilities.

Android Developer Intern, Widget EduTech
09/2020 - 01/2021

Spearheaded the development of an e-commerce application tailored for Android devices. Utilized **Kotlin** as the primary programming language. Integrated **Firebase Realtime Database** to manage live data syncing, user authentication, and backend services without the need for server-side code.

Projects

Sally - Trip Expense Calculator (GitHub)
Web Application • Open-Source (TypeScript, Angular, HTML/CSS)

🔗 https://sally.sumanth.dev

Built an offline, client-side expense splitting web app using Angular and TypeScript. Implemented group/expense tracking and real-time settlement calculations. Managed source control and project configuration on GitHub.

GITAMite - Student Companion App (Play Store)
Android Mobile Application (Kotlin, Android Studio)

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

Engineered and launched "GITAMite," an innovative mobile application designed to streamline academic and administrative processes for students at GITAM University. Successfully launched on the Play Store and has now exceeded **6000+** downloads.

Certifications

Android Study Jams - Educator	**Problem Solving - Intermediate**	**Python - Basic**
Google	HackerRank	HackerRank
Software Engineer Intern	**Java - Basic**	**SQL - Basic**
HackerRank	HackerRank	HackerRank
Node - Basic	**Angular - Intermediate**	**JavaScript - Intermediate**
HackerRank	HackerRank	HackerRank

Education

Computer Science Engineering
04/2019 - 05/2023

Gandhi Institute of Technology and Management

XII - CBSE
05/2017 - 05/2019

Global Indian International School, Hyderabad

X - ICSE
04/2015 - 04/2017

Ramadevi Public School, Hyderabad

Skills

GitHub Actions	Firebase	MySQL	Postgres	Angular
Bootstrap	Electron	Express.js	Ionic	Node.js
NestJs	Socket.IO	DigitalOcean	GitHub Pages	Android Studio
Java	Kotlin	Python	TypeScript	Docker

Profiles

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