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 - Present

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, 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

Gitamite
🔗 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. Utilized **Kotlin** and **Android Studio** to develop a robust and scalable Android application. Successfully launched on the Play Store and has now exceeded **6000+** downloads

Pyt2s
🔗 https://sumanth.dev/pyt2s/

Spearheaded the development of **pyt2s**, a versatile Python library designed to convert text to speech. Employed modern programming practices and tools to ensure the library's reliability and performance. Managed version control and documentation to maintain the project's high standards.

Certifications

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