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.

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

Experience

Engineer - Technology, Next Education
05/2024 - Present

- Engaged in the development of high-quality software solutions, contributing to key projects and initiatives.

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.
- Employed **TypeScript** for writing safer and more maintainable code, leveraging its static typing features to reduce errors.
- Integrated various **APIs** into applications, enabling seamless data exchange and functionality expansion.
- 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** in **Android Studio** with **Java**, enhancing native functionalities and integration capabilities.
- Utilized **Bootstrap** for crafting responsive layouts, ensuring optimal user experience across various devices and screen sizes.
- Designed and integrated **APIs** to facilitate backend communication and data exchange, streamlining application workflows.
- Implemented **GraphQL** for efficient data management, enabling precise and flexible data retrieval for client applications.

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

- Spearheaded the development of an e-commerce application tailored for Android devices, focusing on user-friendly shopping experiences.
- Utilized **Kotlin** as the primary programming language, leveraging its concise syntax and interoperability with Java to enhance app functionality.
- Employed **Android Studio** as the integrated development environment, streamlining the coding, debugging, and testing processes.
- Integrated **Firebase Realtime Database** to manage live data syncing, user authentication, and backend services without the need for server-side code.
- Implemented **Material Components** for Android to create a cohesive and visually appealing interface, adhering to modern design principles.

Certifications

Android Study Jams - Educator
Google

Python - Basic
HackerRank

Java (Basic)
HackerRank

Problem Solving - Intermediate
HackerRank

Software Engineer Intern
HackerRank

SQL (Basic)
HackerRank

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.
- Implemented **Material Design Components** to craft an intuitive and aesthetically pleasing user interface, enhancing user engagement.
- Utilized **Kotlin** and **Android Studio** to develop a robust and scalable Android application, demonstrating strong coding proficiency and technical acumen.
- Delivered a comprehensive suite of features including attendance tracking, grade analysis, and campus updates, contributing to a holistic educational tool.
- Successfully launched the app with positive reception, achieving over **1000+ downloads** shortly after release

Macronium

🔗 https://sumanth.dev/macronium

- Conceptualized and executed the **Macronium App**, a revolutionary tool that empowers Android users to wield control over their PCs with unparalleled ease.
- Engineered a seamless interface that allows for intuitive navigation and execution of Windows shortcuts, media controls, and desktop functions directly from a smartphone.
- Pioneered new features such as **dedicated media controls** and **expanded key functions**, enhancing the app's versatility and user engagement.
- Played a pivotal role in updating dependencies, ensuring the app remains at the forefront of technological advancements and security standards.

Sally

🔗 https://sally.sumanth.dev

- Developed **Sally**, a personal trip expenses calculator application designed to split expenditures among group members efficiently.
- Implemented **Google Authentication** to ensure secure access and user management.
- Engineered features for adding and deleting Sallys (groups), managing expenses, and toggling the sharing option for each Sally.
- Created a statistics module to track and display which members overpaid or underpaid, facilitating fair settlements.
- Utilized a **full-stack web development** approach, integrating both frontend and backend components to deliver a seamless user experience.

Nerd Clocks

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

- **Conceptualized and Developed** 'Nerd Clocks', a unique app featuring a variety of unconventional clock widgets for Android users.
- **Implemented Widget Designs** such as the Binary Clock and Fibonacci Clock, integrating mathematical concepts with user-friendly interfaces.
- **Managed App Updates**, including bug fixes, package name revisions, and workflow improvements to enhance app stability and performance.
- **Rebuilt App Using Compose**, modernizing the codebase and streamlining the development process for future scalability.
- **Curated Educational Content**, providing users with explanations and examples to foster understanding and appreciation of the app's unique features.
- Successfully launched the app with positive reception, achieving over **1000+ 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.
- Collaborated with other developers to refine the library, incorporating feedback to enhance its features and usability.
- Designed the library to be user-friendly, with a focus on simplicity and ease of use.
- Wrote clean, maintainable code ensuring the library's reliability and efficiency.
- Managed version control and documentation to maintain the project's high standards.

Skills					
	GitHub Actions	Firebase	MySQL	Postgres	Figma
	Angular	Bootstrap	Electron	Express.js	Ionic
	Node.js	Nodemon	Socket.IO	DigitalOcean	GitHub Pages
	Android Studio	Replit	Java	JavaScript	Kotlin
	Python	TypeScript	Docker	Nginx	

Languages				
	English	Telugu	Hindi	Japanese
	Very Fluent	Native	Average	Beginner

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Activities

Cycling

- Successfully completed a **363 km solo cycle ride** from **Hyderabad to Ananthapur**, advocating for improved health practices.
- Undertook a challenging **744 km journey by bicycle** from **Hyderabad to Goa**, raising awareness about the impact of pollution.
- Embarked on an extensive **1578 km cycling expedition** from **Hyderabad to Delhi**, promoting health consciousness and environmental protection.
- Actively participated in multiple cycling events organized by the **Hyderabad Bicycling Club**, completing rides of **50 km**, **65 km**, and **100 km.**
- Demonstrated commitment to fitness and community engagement through consistent involvement in local cycling activities.

Clubs

- Spearheaded the Android development team, driving innovation and project success within the **GDSC** club.
- Led the application development initiatives, overseeing project planning, execution, and deployment within the **GitHub** club.
- Developed and implemented innovative software solutions as part of the college's **Innovation Centre** club.
- Collaborated with a team of developers to design and refine applications that addressed real-world problems.
- Led a diverse group of aspiring developers, fostering a collaborative environment for learning and growth in Mobile App Development.
- Orchestrated workshops and coding sessions that enhanced the practical skills of club members in **Android** app creation.