Ishan Joshi

Hyderabad

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Summary

Experienced Software Development Engineer with a proven track record as a contributor for Google Summer of Code, where they enhanced systems security and improved CLI user workflows. Previously worked at Orchestration Syndication maintaining internal company libraries in C++. Looking to leverage skills in programming and tools to effectively contribute as a Software Engineer to provide better and more natural experiences to the end users.

Education

Gokaraju Rangaraju Institute Of Engineering And Technology, Hyderabad   **Aug 2022 - Jun 2026**

BTECH, COMPUTER SCIENCE   *Hyderbad, India*
- **Achievements:** Current CGPA: 9.3 (5th Sem)
- **Coursework:** Hyderbad, India

Sri Chaitanya Junior College   **Aug 2020 - Jun 2022**

INTERMEDIATE
- **Achievements:** 12th: 98.3%, 10th: 10 GPA

Skills

- **PROGRAMMING**: C, C++, Python, Java, PHP, JavaScript, TypeScript, Rust, Golang, HTML & CSS + Markdown, Node.js, Android
- **FRAMEWORKS & TOOLS**: Git, GitHub, Google Ads, PostgreSQL, Web Analytics, Linux, SEO, React.js, Flask, Django, Next.js, Docker, Teamwork, Communication

Work Experience

Waycrate (Google Summer of Code)   **Mar 2024 - Sep 2024**

Software Engineer   *Remote*
- Rewrote the entire SWHKD security model to a Unix-based sockets and daemon approach, improving system security and reliability
- Worked with team to enhance the CLI user experience by modifying the CLI workflow, resulting in more intuitive navigation and increased user satisfaction
- Mitigated three CVE's that were reported against the older SWHKD security model and published a detail report for better understanding.

Orchestration Syndication   **Jan 2024 - Nov 2024**

Software Engineer   *Remote*
- Collaborated with leadership and team to maintain company's open source repositories, enhancing code quality and ensuring timely updates
- Led the creation and implementation of an internal C++ library, improving code efficiency and reducing development time for the team
- Integrated ML and data analytics into CRM data, enhancing customer insights and improving decision-making processes

Projects

Vaidya   **Dec 2024 - Feb 2025**
- An AI powered medical record tool that takes user speech input to parse possible symptoms using a fine tuned medical classifier, which is then used to predict and explain diagnosis to the patient. Integrated using GPRC based microservices.
- Creates an ERM form using an agentic based conversation held with the patient that would speed up wait times at hospitals
- Conversation based and easy to use, including a natural language translation layer for better accessibility.

Claritics   **Oct 2024 - Dec 2024**
- A self-hostable web analytics server made in Golang for the purpose of learning load balancing and web analytics
- Comes integrated with a frontend as well as a robust scable backend that can be easily integrated using a simple js script.
- Integrated a postgres database and a Next.js frontend for ease of use by both the end user and the admin.

Panchi   **Mar 2024 - Jun 2024**
- An AI powered bird watching gamification platform made for encouraging and gamifying the hobby of bird watching
- Built using a python based backend and a robust React Native frontend that communicate via REST
- Deployed to Production and integrated Google Analytics