Sai Santoshi Praneetha Mukkamala

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PROFESSIONAL SUMMARY

Highly motivated Software Developer with over 2 years of hands-on experience in backend development, scalable infrastructure design, and cross-functional collaboration. Proficient in Python, Flask, and cloud platforms with a strong focus on building reliable, user-centered solutions. Adept at deploying large-scale web applications, optimizing system performance, and enhancing technical quality. Seeking to contribute expertise to impactful software engineering roles.

EDUCATION

The University of Texas at Arlington | Arlington, TX — **January 2023 – December 2024**
Master of Science in Computer Science — GPA: 3.83/4.0

Vignan Institute of Technology and Science | Hyderabad, India — **August 2016 – September 2020**
Bachelor of Technology in Computer Science and Engineering — GPA: 3.5/4.0

SKILLS

- **Programming Languages:** Python, Java, JavaScript, C, ABAP
- **Frameworks & Libraries:** Flask, FastAPI, React, Node.js, Angular
- **Backend Development:** API Design, Job Scheduling, Resource Allocation
- **Database Management:** MySQL, PostgreSQL, MongoDB, Fire store DB, Firebase Realtime DB, Redis
- **MLOps & CI/CD:** Model Deployment, Workflow Optimization, Pipeline Development
- **Monitoring & Optimization:** Metrics Tracking, Fault Tolerance, LogRocket, Log Explorer
- **Full-Stack Development:** JavaScript, HTML/CSS
- **SAP Technologies:** SAP Master Data, SAP Fiori, SAPUI5, SAP MM, SAP PP, SAP QM, SAP SD.

EXPERIENCE

Reality AI Inc. | San Francisco (Remote) — **January 2025 – Present**
Software Development Intern

- Developed **scalable front-end interfaces** with ReactJS and **integrated back-end** services using Node.js and Python for AI-powered tools.
- Deployed applications on **Google Cloud Run** and managed data workflows with Firestore DB, Firebase Realtime DB, and Redis.
- Conducted **testing, debugging, and performance monitoring** using LogRocket and Log Explorer to ensure seamless functionality.
- Collaborated with **cross-functional teams** to create innovative solutions, including AI Agents and real-time recommendation systems.

Tomorrows AI | Washington DC (Remote) — **September 2024 – December 2024**
Software Development Intern

- Developed a personalized **news recommendation system** using a hybrid collaborative-content filtering model, delivering real-time, user-specific recommendations via a Flask RESTful API.
- Integrated **Firebase authentication** to enable secure, scalable user login and account management.
- **Designed scalable backend infrastructure** with MySQL and S3 for efficient data management.
- Improved system **performance and debugging** efficiency by 40% through monitoring tools and optimization.

Infosys | Hyderabad, India — **March 2021 – November 2022**
Software Engineer

- Designed **reusable code libraries,** reducing development time by 20% and improving scalability.
- Optimized SAP Fiori applications, saving users 15 minutes per task on average.
- Conducted Fit-Gap analyses for 100+ clients and managed all phases of the project lifecycle, ensuring seamless **go-live and hyper-care support.**
- Developed Fiori apps, analyzed ABAP code to streamline operations and resolve issues, improving user experience.
- Mentored junior developers, enhancing **team productivity** by 10%.

PROJECTS

- Built a chatbot to process large datasets (250,000+ entries) and provide accurate insights with 95% precision.
- Tested and optimized recommendation models, increasing sentiment analysis accuracy by 20%.
- Designed a full-stack voice-based feedback analysis application with ChatGPT integration.

CERTIFICATIONS

Java Developer | Python Developer | MySQL Associate