N SATYA JAIDEV

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EXPERIENCE

QUANTUMVERSE AI | USA – Redmond, Washington

Software Engineer Intern | (Remote)   ***Jan 2025 - Present***

- Refactored python code in iterations for better performance and to enhance the platforms efficiency by **50%.**
- Designed and implemented a persistent caching solution from start to finish to reduce calls to downstream **API by 95%**.
- Developed and maintained **AWS Lambda** functions to manage backend processes and performed comprehensive API **unit testing** using **Postman**, ensuring enhanced reliability and functionality of system integrations by **45%.**

CAPGEMINI | India – Bangalore, Karnataka

Graduate Engineer Intern   ***Jan 2023 – Jul 2023***

- Developed a real-time E-commerce platform with **strong problem-solving skills** using the **MERN** stack, **RESTful API**, and **SQL** databases, serving **1,000+** unique visitors and boosting user retention by **20%**.
- Designed responsive and user friendly front-end components with **React.js**, enhancing user engagement by **15%**, and managed **MongoDB** databases to handle **10,000+** daily financial transactions with zero inconsistencies.
- Developed Fintech Features using **Node.js** and **MongoDB**, including user authentication and transaction management, increasing system reliability by **25%.**

PROJECTS

Next Enti *| Demo – (Link) | Github - (Link)*   ***Feb 2025 – Mar 2025***

Built an AI-powered career discovery platform for young users exploring career paths, achieving 200+ new users on launch day.
Tech used: React.js, Firebase, Python, LLM, Llama, Flask, HTML, CSS, JavaScript, Figma, Three.js

AI-Powered DevOps *| Github - (Link)*   ***Aug 2024 – Dec 2024***

Designed an AI-driven DevOps framework with GPT-3.5 Turbo, SonarQube, AWS GuardDuty, Docker, and Terraform, ensuring secure, scalable CI/CD pipelines and robust compliance in Agile and Waterfall workflows
Tech used: LLM, SonarQube, Terraform, Docker, AWS GuardDuty, OpenAI GPT-3.5 Turbo, Python, Git, CI/CD tools, custom ML models.

AI - Portfolio *| Github - (Link)*   ***Jan 2024***

Built a front-end responsive portfolio using React.js, leveraging Hooks, Context API, dynamic routing, and OpenAI API for an AI-powered chatbot. Optimized performance with lazy loading and memoization.
Tech used: HTML, CSS ,React.js, JavaScript, OpenAI API, Tailwind CSS

EDUCATION

ILLINOIS INSTITUTE OF TECHNOLOGY   ***Chicago, IL***

Master of Science in Computer Science;
Course work – Big Data Technologies (AWS), Software Project Management, User Centric Design, Advance Database organization, Data Preparation Analysis, Computer Networks, Mobile Application Development, Information Retrieval

PRESIDENCY UNIVERSITY   ***Bangalore, Karnataka***

Bachelor of Engineering in Computer Science;
Course work – Data Structures, Operating Systems, Database Management System, Object Oriented Programming, Cloud Computing, Deep Learning, Web Technologies, Operating Systems, Automate Theory, Natural Language Processing (NLP)

SKILLS

Languages: C/C++, JavaScript (ES6), HTML5, CSS3, Python, Dart, SQL
Frameworks/Libraries: React.js, Next.js, Flask, Node.js, Express, Flutter, Django, MongoDB, Tailwind, Angular.js, Vue.js
Development Tools: Postman, Firebase, Figma, Git version control, Wordpress, Canva, Grafana, Splunk, Excel
Methodologies & Cloud Computing: Agile, Scrum, AWS, Azure, Google Cloud,
Certifications: Certified in Salesforce AI Associate, Power BI, Google Data Analytics, AWS Cloud Practitioner, Tableau