

SATYA JAIDEV NETHI

Software Developer

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EXPERIENCE

Dollar Security (Freelance)

Apr 2025 – Jul 2025

Full Stack Developer | Live – ([Link](#)) | Github - ([Link](#))

- Developed a full-stack security services platform enabling clients to request guards, admins to assign schedules, and guards to manage documents and feedback. Integrated real-time dashboards, automated emails, and secure **AWS S3** storage with Dockerized **CI/CD** deployment on **AWS EC2**.
- Achieved secure, scalable multi-role access (Admin, Client, Guard) by implementing **JWT**-based authentication, protected **Express.js** API routes, and React Context-based session handling, ensuring **100%** user data integrity and access isolation.
- Reduced manual scheduling effort by **80%** by building a dynamic **Next.js + Node.js** dashboard that enables real-time guard-client mapping, multi-day/hour selection, and automated schedule summaries with MongoDB-backed persistence.

Tech Used: Next.js, TypeScript, JS, Node.js, Express, MongoDB, SSL, AWS S3, GitHub Actions, Docker, JWT, CI/CD, Figma

Quantumverse AI | USA – Redmond, Washington

Jan 2025 – Present

Software Engineer | (Remote)

- 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

Jan 2023 – Jul 2023

Graduate Engineer Intern

- 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 (SaaS Platform) | Live – ([Link](#)) | Github - ([Link](#))

Feb 2025 – Mar 2025

- Developed and deployed a scalable **AI-powered SaaS platform** using **React.js**, **Firebase**, and **Llama(LLM)**, enabling 200+ users to explore tailored career paths on launch day through natural language interactions.
- Engineered and integrated a full-stack recommendation system with **Python (Flask)** backend and **Three.js** frontend, boosting user retention and engagement by offering real-time, personalized career insights.

Tech used: React.js, Firebase, Python, LLM, Llama, Flask, HTML, CSS, JavaScript, Figma, Three.js

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

ACHIEVEMENTS

- Won **3rd place at Google Hackathon (Chicago)** for leading UX and front-end design of a socially impactful project. ([Link](#))
- Awarded a **\$12,000 merit-based scholarship** for academic excellence in the Master's program at **IIT Chicago**.
- Authored a research paper on **inclusive UX design for underrepresented groups**, focusing on accessibility & equity. ([Link](#))