N SATYA JAIDEV

Chicago, IL | Phone: +1 312-684-1792 | nsatyajaidev21@gmail.com | www.linkedin.com/in/satyajaidev | Github

EXPERIENCE

CAPGEMINI | India – Bangalore, Karnataka
Software Engineer Intern | (Remote)   ***Jan 2023 – May 2023***
- Developed a real-time E-commerce platform using the **MERN** stack, **RESTful API**, and **SQL** databases, serving **1,000+** unique visitors and boosting user retention by **20%.**
- Optimized performance using **Google Page Analytics**, **Dynatrace**, and **AWS CloudWatch**, reducing page load time by **15%,** increasing user engagement by **25%**, and lowering bounce rates by **10%.**
- Collaborated with the backend team to implement web services and containerized deployments using Core **Java**, Spring Boot, **MySQL**, **Docker**, and **Kubernetes** reducing manual processing time by **30%**.

SIGNZY | India – Bangalore, Karnataka
Full Stack Intern | (Remote)   ***May 2022 – Nov 2022***
- Developed **Fintech** Features using **Node.js** and **MongoDB**, including user authentication and transaction management, increasing system reliability by **25%.**
- Built and tested **RESTful API** with **Express.js**, improving data exchange efficiency and reducing response times 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.

PROJECTS

AI-Powered DevSecOps - *Chicago, Illinois | Github link - ([Link](#))*   ***Aug 2024 – Dec 2024***
Designed an AI-driven DevSecOps 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.

Sushiman Website - *Hyderabad, India | Github Link – ([Link](#))*   ***May 2024 – May 2024***
Designed the SushiMan website using modular CSS with variables, responsive layouts with flex and position properties, reusable JavaScript functions, smooth animations, and BEM methodology, ensuring full responsiveness and organized file structure.
Tech Used: HTML, CSS, JavaScript.

Database Management System - *Chicago, Illinois*   ***Aug 2023 – Dec 2023***
Implemented key database components including Storage Manager, Buffer Manager with FIFO and LRU algorithms, and B+ Tree Index Manager, optimizing data storage, retrieval, query performance, and system scalability through efficient memory and file management
Tech used: C/C++, Data Structures, Algorithms (FIFO, LRU, B+ Tree), File Systems, and Memory Management.

EDUCATION

ILLINOIS INSTITUTE OF TECHNOLOGY   ***Present – May 2025***
Master of Science in Computer Science;
Course work – Big Data Technologies (AWS), Software Project Management, Advance Database organization, Data Preparation Analysis, Computer Networks, Mobile Application Development.

PRESIDENCY UNIVERSITY   ***May 2023***
Bachelor of Engineering in Computer Science;
Course work – Data Structures, Operating Systems, Database Management System, Object Oriented Programming, Cloud Computing, Deep Learning.

SKILLS

Languages: C/C++, JavaScript, Java, HTML/CSS, Python, R Programming, Dart, SQL
Frameworks/Libraries: React.js, Flask, Node.js, MongoDB, MySQL, Express.js, Flutter
Development Tools: Eclipse IDE, Git, Visual Studio code, RStudio, Google Collab, Pycharm, Jupyter Notebook
Certifications: Certified in Salesforce AI Associate, Google Data Analytics, AWS Cloud Practitioner, Tableau