

SAI PRANITH PATIBANDLA

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EDUCATION

Georgia State University

Masters in Computer Science (GPA: 3.93/4.0)

Atlanta, Georgia

August 2023 – December 2025

- Coursework: Software Engineering, **Human-Computer Interaction**, Cryptography, **Web Programming**, Data Security.

Jawaharlal Nehru Technological University

Bachelors in Information Technology (GPA: 9.2/10)

Hyderabad, India

July 2017 – July 2021

- Coursework: **Data Structures**, **Object Oriented Programming through Java**, Design and Analysis of Algorithms, Software Engineering, Design Patterns, Operating Systems, Scripting languages, **Object Oriented Design**, Database Management Systems, **Software Development**.

WORK EXPERIENCE

EdLight

Software Engineer

Atlanta, Georgia

August 2024 – Present

- Orchestrated scalable web applications using **React**, **Linux**, **GIT**, **JavaScript**, **Typescript**, **Django** and **Python** elevating student engagement by 35%. Optimized **relational databases** with **Postgresql**, accelerating query performance by 40%. Harnessed **Git**, **Intellij IDEA**, and **Heroku** to build and deploy, increasing user accessibility by 43%.

Georgia State University

Full Stack Developer

Atlanta, Georgia

August 2023 – Present

- Crafted robust course applications by using **Angular**, **HTML5**, **CSS**, **TypeScript** and **JavaScript** for dynamic front-end rendering, **Java**, **Spring boot**, **Jenkins**, **Agile**, **Scrum**, **SDLC**, **JSON**, **XML**, **Restful API's**, **Maven** and **Linux** for scalable back-end development, **SQL** for efficient data storage and querying to boost efficiency by 30%.

Development Bank of Singapore

Full Stack Developer

Hyderabad, India

August 2021 - July 2023

- Spearheaded the architecture of a cutting-edge web application that automated demand draft and foreign cheque payments with 99.9% accuracy. Leveraged **Angular**, **Spring Batch**, **Jenkins**, **AWS**, **Docker**, **Websphere MQ**, **JBoss EAP**, and **REST APIs** to enhance operational effectiveness by 40% and overall performance by 45%.
- Revolutionized DBS India's financial landscape by automating SWIFT payment processing, encompassing cross-border transactions and credit card payments. Architected for peak performance, integrating advanced technologies including **React**, **HTML/CSS**, **Spring Boot**, **Maven**, **MariaDB** and **Linux Shell Scripting** for seamless integration and high precision. Successfully reduced errors by 35% and slashed processing time by 50%.

CSIR-Indian Institute of Chemical Technology

Full Stack Developer

Hyderabad, India

January 2020 – January 2021

- Engineered an innovative web application for seamless chemical data integration, improving the accuracy of equation-based calculations by 25%. Utilized a comprehensive tech stack including **Java**, **Spring Data JPA**, **Spring MVC**, **JavaScript**, **TypeScript**, **SQL**, **HTML**, **CSS**, **SDLC**, **XML/JSON**, **Linux**, **Shell Scripting**, **Github**, **JIRA**, **Confluence** and **RESTful APIs**.

LEADERSHIP EXPERIENCE

Indian Student Organization - GSU

Vice President

Atlanta, Georgia

August 2023 – July 2024

- Administered diverse teams, organized events, and managed projects, showcasing leadership and cross-cultural communication skills. Pioneered mentorship programs and facilitated high-impact internships, demonstrating influential leadership and persuasive communication. Fostered a collaborative mindset, continuous learning approach, and critical problem-solving abilities while exemplifying organizational excellence through meticulous time management and adaptability in dynamic environments.

SKILLS

- Programming:** Java, Python, C/C++/C#, HTML/CSS, JavaScript, TypeScript, Bootstrap, Responsive Design.
- Web Development Frameworks:** Angular, React JS, Kotlin, Swift, Spring Boot, Spring Batch, Spring MVC, Django.
- Testing And Deployment:** Unit Testing, CI/CD, Jenkins, GITHub, Git, BitBucket.
- Database Technologies:** SQL, MySQL, MariaDB, Database Design and Management, Relational Databases.
- Software Tools and Technologies:** JIRA, Confluence, WebSphere MQ, JBoss EAP, Restful API's, Active MQ, Rabbit MQ, Agile/Scrum, IntelliJ IDE, PyCharm, Visual Studio, Eclipse, STS, XML, JSON, Microsoft Office, Swagger, Postman, Containers, Microservices, UI/UX Design, Linux, SFTP, SCP, Shell Scripting.
- Additional Skills:** Problem-Solving, Leadership, Communication, Project Management, Collaboration, Adaptability, Time Management, Mentoring, Critical Thinking, Teamwork, Curious, Independent, Passionate, Authentic, Multithreading, Front-end, Back-end, Fullstack, SDLC, DevOps, Debugging, Troubleshooting, Data Visualization, System/Application Design, Documentation, UML Diagrams, Object-oriented design, Shell Scripting, Fintech, Payments, Web Application Development.