

Siddhartha Ravilla

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EDUCATION

Northeastern University, Boston, MA

Sept 2023 - Expected May 2025

College of Engineering

3.7/4.0

Master of Science in Information Systems

Jawaharlal Nehru Technological University Anantapur, India

Aug 2016 – Sept 2020

Bachelor of Technology in Computer Science & Engineering

8.48/10.0

Related courses: Design and Analysis of Algorithms, OOAD, Web Development, Software Engineering, Cloud Computing

TECHNICAL SKILLS

- Programming Languages : Java, Python, C, JavaScript
- Database : MySQL, MongoDB
- CRM Tool : Salesforce
- Technologies / Frameworks : HTML5, CSS3, Bootstrap, JavaScript, NodeJS, Spring, Spring Boot, ReactJS, Postman, Maven, Eclipse, AWS, Azure, Tableau

PROFESSIONAL EXPERIENCE

Tata Consultancy Services, Bengaluru, India (Adobe Inc)

Sept 2020 - Jun 2023

Software Development Engineer

- Customized Salesforce to align with company processes and workflows, reducing manual work by 20%
- Created Lightning components, page layouts, user profiles, custom objects, and validation rules in Salesforce to implement robust security practices
- Created 20+ custom reports and dashboards to analyze sales performance, resulting in a 15% increase in sales revenue
- Increased user productivity by 10% by automating repetitive tasks using Flow Builder and fixing end-user impacting issues
- Collaborated with cross-functional teams to gather requirements and implement solutions to address business needs within Salesforce, resulting in a 10% increase in overall efficiency.
- Conducted quarterly system audits, identifying, and resolving issues increasing system reliability
- Developed and maintained web applications using Java, Spring Boot, and ReactJS, resulting in a 20% increase in application performance
- Designed and implemented RESTful APIs using Spring Boot to establish robust adapter functionalities, facilitating seamless communication between front-end and back-end systems.
- Resolved production issues 35% faster by leveraging JIRA for streamlined issue tracking and efficient management

PROJECTS

Crisis Connect | Progressive Web Application | React, Node.js, Express.js, MongoDB

Mar 2024 - Apr 2024

- Developed a PWA for disaster response using React, Redux, Express.js, Node.js, and MongoDB
- Engineered CRUD operations and integrated RESTful APIs in a domain-driven design and deployed them on Azure
- Leveraged feature-based APIs like Twilio API, stripe API, redux and Bootstrap to architect the innovative application, positively impacting over 30 individuals

Bidding System | MySQL / Power BI

Nov 2023 – Dec 2023

- Designed and implemented a bidding system for Marketplaces to enhance user engagement within the platform
- Developed MySQL database schemas and queries to support the bidding system's functionality using Triggers, Stored Procedures, User Defined Functions, Views, and integrated Power BI for data visualization to analyze bidding trends
- Implemented business rules and constraints to ensure fairness and transparency in the bidding process

Face Recognition based Attendance System | Machine Learning, Python, OpenCV

Jun 2022 - Aug 2022

- Implemented a ML Model to develop a facial recognition system using OpenCV, LBPH algorithm, and tkinter libraries
- Applied supervised machine learning techniques capable of identifying individuals and marking attendance with an impressive accuracy of 87%.

CERTIFICATIONS

- Acquired AWS Cloud Practitioner, Azure Fundamentals, Azure Data Fundamentals, and Salesforce Administrator certifications
- Awarded NPTEL ELITE Gold for top 2% achievement in Java Programming certification from IIT Kharagpur.