Saneeth Reddy Depa

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EDUCATION:

Northeastern University, Boston, MA   **September 2023-Present**
Master's in Computer Software Engineering
Related Courses: Application Engineering and Development, Web design and User Experience Engineering,
Jawaharlal Nehru Technological University, Hyderabad, India   **July 2023**
Bachelor of Technology in Computer Science   **GPA-3.70/4.00**
Related Courses: Compiler Design, Data Structures, Theory of Computation, Software Project and Process Management.

TECHNICAL SKILLS:

Programming Ecosystem	: Java, C, JavaScript, SQL, C++, Python.
Tools & Libraries	: AWS, Microsoft Office Suite, Android Studio, GIT, Jakarta (JEE).
Specialties	: Mobile application development, Design analysis and algorithms, Web development technologies.
Competitive Programming	: Acquired 5 Stars (Gold Level) in Hacker Rank - https://www.hackerrank.com/saneethdepa23.
Cloud Computing	: AWS Lambda, AWS Dynamo DB, AWS CloudFormation, REST APIs, API Gateways
Certifications	: AWS Certified Solutions Architect Associate.

WORK EXPERIENCE:

Software Developer at ZS associates   **Feb 2022 - July2023**
- Collaborated with UI/UX team to design responsive and user-friendly interfaces for task management. Implemented front-end functionalities using React.js, integrating dynamic product display.
- Developed and maintained unit and integration tests to ensure the reliability and robustness of software components.
- Increased team productivity by 20% through efficient task tracking and real time collaboration.
- Achieved a 95% user satisfaction rate based on user-friendly interface for easy task creation and management.
- Researched and evaluated new technologies and tools to stay updated with industry trends and to suggest potential improvements to the team, collaborated with the team to reduce application response time.

Teaching Assistant at Jawaharlal Nehru Technological University   **May 2022- Jan 2023**
- Delivered a range of teaching assessment activities including tutorials towards the delivery of subjects at undergraduate level.
- Applied departmental processes related to peer advising/mentoring, supported with faculty research projects and literature search.
- Contributed to the improvement of course materials based on students feedback and academic best practices.
- Conducted weekly review sessions, aiding students in clarifying complex concepts and preparing for final examinations.
- Conducted lab sessions for Undergraduate students in Java and developed their skills on Data structures using Java.
- Tutored students on Java programming and assisted in grading for the course titled "Java Programming".

Computer Science Tutor at Academic Affairs   **Jun 2021-Mar 2022**
- Worked closely with multiple computer science students to tutor in Systems Programming, Data Structures and Algorithm's.
- Conducted one-on-one and group tutoring sessions to assist students in understanding and mastering computer science topics.
- Successfully analyzed and debugged code (C and Java) written by many different individuals and provided feedback.
- Assisted students with coding assignments, project and lab exercises, offering guidance on problem solving strategies,best practices.
- Customized tutoring approaches to match individual learning styles and pace, fostering effective comprehension and engagement.
- Guided students through coding assignments and projects, offering step-by-step explanations and helping troubleshoot errors.

Vice-President of Coding Club
- Establishing a club's overall objectives, mission statement and value system.
- In accordance with the club's goals and theme, we collectively refer to it as "CODE-ARCHITECTS".
- Managing a club's yearly budget, including cash flows, costs, and expenditures.
- Organizing fundraising events to support club activities.
- Promoting events and activities using different social media platforms.
- Supporting the work efforts and contributions of individual club members
- Fostering positive relationships between executive team leaders, club members and other stakeholders

Research Assistant at JNTUH   **Sep 2022-Aug 2023**
Web-Based Data Capturing System for Accreditation
- Created a user interface that can retain and retrieve extremely ancient university data, providing a comprehensive overview of the institution performance.
- Functionality of web pages was build using HTML, CSS, Java Script. For web hosting, Tomcat Apache server is utilized. JSP accepts https requests and responses that are computed in accordance with the requirements.
- A university's data is stored in MySQL, and data is dynamically fetched based on requirements. Data analysis is done wholesome data and represented in the form of histograms, for ease analysis of university's performance.