Mahendra Kumar Suthar

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EDUCATION

Masters, Computer Science (4/4 GPA)

University of Cincinnati, College of Engineering and Applied Sciences, Cincinnati, Ohio
Course Work: Cloud Computing, Advanced Algorithms, Machine Learning, Computer Networking, Deep Learning.

Teaching Assistant

- Served as a Teaching Assistant for courses in Advanced Algorithms I, Cloud Computing and Software Testing & QA.
- Evaluated and assessed written assignments and exams for a class of over 120 students, offering constructive feedback and guidance throughout the academic term.
- Led weekly review sessions at the conclusion of each course section, delivering supplementary instruction for one hour per session on Mondays.
- Assisted Cloud Computing students with queries on AWS, Docker, and other cloud technologies.

B.Tech, Information Technology (9.29/10 GPA)

Jawaharlal Nehru Technological University, Kakinada, India
Course Work: Operating System, Database Systems, Advanced Data Structures, Software Engineering, OOPS through C++, Java, Unix.

SKILLS

Programming Language:	Java, C++, Python, JavaScript
Frameworks/Tools:	Git, Protocol Buffers, ReactJs, JQuery, TypeScript, STL, HTML, CSS
Database/Cloud:	MySQL, MongoDB, AWS, Docker

EXPERIENCE

Member Technical Staff   Dec. 2019 – July 2021

Zoho Corporation, Chennai, India

- Responsible for revamping the entire Zoho Show image library to support multimedia files upload and media streaming using the MPEG-DASH.
- Collaborated with other teams to integrate other Zoho SaaS products in Zoho show.
- Built extensive test coverage for new features, which reduced number of customer complaints by 28%.
- Enhanced SVG Table shape rendering performance by identifying and addressing performance bottlenecks.
- Addressed bugs in the product to enhance efficiency and user experience.
- Participated in daily SCRUM meetings to monitor project status and resolve issues.
- Leveraged Knowledge in Protocol Buffers, Java, JSP, Servlets, JavaScript and SVG rendering.

Web Developer Intern   May 2019 – June 2019

Virala India Pvt. Ltd., Lucknow, India

- Designed and developed RESTful API for an invoicing application using Node.js and adhering to OpenAPI Specification.
- Improved system performance by using the JSON web token for user Authentication.
- Designed and executed tests to ensure system quality met requirements.

ACADEMIC PROJECTS

Online Judge

- Created backend web services for user management CRUD operations using Nodejs.
- Implemented features like organizing a contest, submit solution, ranking, problem statement and editorials and evaluating contest.

Chess Game

- Developed a two-player chess game using Java SWING GUI, which implements all standard chess rules and utilized OOP concepts to manage interactions between game components.
- Designed the game to determine win/loss outcomes based on moves made.