

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, Software Testing & QA :

- Graded student assignments after assessing their quality and completeness.

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 : Oracle, 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%.
- Worked on improving SVG Table shape rendering performance.
- Fixing bugs in the existing product to make it more efficient and user friendly.
- Involved in daily SCRUM meetings to keep track of the ongoing project status and 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

- Responsible for API design and development of RESTful Services for an invoicing application following OpenAPI Specification using Nodejs
- Improved system performance by using the JSON web token for user Authentication.
- Designed and executed test cases to evaluate system quality according to system 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

- A Two-player Chess game using JAVA SWING GUI.
- Implemented all basic standard chess rules and OOP concepts for interaction of various components.
- Game would also determine if a move resulted in a potential win/loss.

Fapars

- Web app to Search and Sell Textbooks, course materials etc all at one place in your local city.
- The Application provides features of user authentication and is hosted on Heroku(cloud platform).