Nagarjuna Rapolu

Boston, MA | (617) 606 - 2218 | nagarjuna.rapolu001@umb.edu | linkedin.com/in/rapolu-nagarjuna

WORK EXPERIENCE

Mahindra & Mahindra, Pune, India

Software Engineer — 07/2020 - 07/2022

- Developed with a team of 4 engineers to launch a web application that can auto assign personnel on the assembly line using priority scheduling algorithms which reduced wait time by 66%
- Collaborated with cross functional teams to identify and resolve issues related to the Electrical Checkout System, which resulted in improvement in productivity by 25%
- Assisted with Development and testing of new software features in a team environment using JavaScript, HTML, CSS, Express.js, PostgreSQL
- Implemented and maintained multiple APIs to enable efficient data retrieval from the database.
- Conducted product demos to showcase software solutions to potential users and stakeholders.
- Used JIRA to manage project tasks and priorities and track progress.
- Awarded the Excellence Certificate for my outstanding performance and commitment.

DigiTele Networks, Hyderabad, India

Software Developer Intern — 05/2019 - 09/2022

- Performed Unit testing to ensure high code quality and minimize errors.
- Worked collaboratively with other developers and product managers and quality assurance engineers to ensure timely delivery of product delivery.
- Debugged and fixed issues in existing codebase, improving existing application performance and user interface.
- Attended training sessions and workshops to learn software development skills and techniques.

EDUCATION

University of Massachusetts at Boston, MA

M.S. in Computer Science — 09/2022 - 05/2024 (Expected) , GPA: 4.0

Coursework: Analysis of Algorithms, Introduction to Software Engineering, Machine Learning,

Artificial Intelligence, User Interface Design, Object Oriented Design Principles and Programming

SKILLS

Java, React, Node, Express, JavaScript, HTML 5, CSS 3, Spring Boot, Python, R, Google Cloud, AWS, Agile Development, JIRA , TensorFlow, Scikit-learn, Pandas, Numpy, Passport.js, TypeScript, Mongodb, MySQL, PostgreSQL, Git, Django, Flask, Android Studio, Kotlin, Coroutines, JUnit, OOA/ OOD, Agile Scrum, Linux, Windows, MacOS, Excel, Powerpoint, MATLAB, SQLite,

PROJECTS

Inventory Management system — Flux Marine

- Developed a full stack application using React, Express and Mongodb to efficiently track and manage inventory levels, reducing risk of stock outs and optimizing supply chain processes for Flux Marine.