Roshan Praveen Shetty

Amherst, MA | (413)-801-0722 | roshanshetty2000@gmail.com | LinkedIn | GitHub | Portfolio

EDUCATION

University of Massachusetts, Amherst   **Amherst, MA**
Master of Science in Computer Science   *Graduation Date: May 2023*

University of Massachusetts, Amherst   **Amherst, MA**
Bachelor of Science in Computer Science   *Graduation Date: Dec 2021*

WORK EXPERIENCE

Tata Consultancy Services   **Amherst, MA**
Software Engineer   *Oct 2023 - Present*
- Coordinated with over 5 teams at Kaiser Permanente to develop various tools aimed at enhancing support
- Deployed automation solutions, saving over 250 monthly labour hours, improving workflow efficiency by 15%.

University of Massachusetts Amherst CICS   **Amherst, MA**
Software Architect   *Jan 2023 - May 2023*
- Partnered with a professor to build a PaaS, streamlining project-based learning for over 200 students.
- Incorporated Slack, GitHub, and Excel, improving data management for 50+ course modules and 300+ assignments.

U-Tutors   **Amherst, MA**
Lead Full Stack Developer   *Jan 2023 - May 2023*
- Engineered a student-to-student tutoring platform with a user-friendly interface, increasing user engagement by 30%.
- Fortified platform security, enhanced user experience, and elevated user engagement through targeted marketing.

GRUBBRR   **Boca Raton, FL**
Full Stack Developer Intern   *Jun 2022 - Dec 2022*
- Devised and launched a Menu Builder Tool with over 10 features, including Excel interface.
- Improved system performance by 20% by transitioning to a Svelte model with data immutability and consistency.

Tata Consultancy Services   **Amherst, MA**
Business Analyst Intern   *Jun 2021 - Aug 2021*
- Analyzed time series data for L'Oréal using Python providing insights guiding over 12 product development decisions.
- Integrated and optimized machine learning models, achieving an average accuracy rate of 93%.

University of Massachusetts Amherst SBS   **Amherst, MA**
Full Stack Developer   *Jun 2021 - Aug 2021*
- Spearheaded the development of a web application for DACSS, improving data management efficiency by 15%.
- Directed a team of 5+ developers to design and deploy interactive data visualizations using R.

PROJECT EXPERIENCE

RateMyDining   **Amherst, MA**
Full Stack Team Lead   *Jan 2023 - May 2023*
- Architected a React Native application, enabling 1,000+ students to rate and review dining experiences.
- Implemented a scalable backend for real-time menu updates and integrated student dinning feedback.

Interviews Commonality   **Amherst, MA**
Full Stack Team Lead   *Sep 2022 - Dec 2022*
- Teamed with an FBI agent to develop a React Native mobile app, streamlining witness interviews for child rescues.
- Integrated microservices with FastAPI and Docker, integrating ML for real-time analysis with 91% accuracy.

SKILLS

React, Svelte, Typescript, Javascript, Angular, Python, Java, R, C++, PostgreSQL, MongoDB, Swift, Firebase, Azure