

Roshan Praveen Shetty

(413) 801-0722 | roshanpshetty.vercel.app | [LinkedIn](#) | [GitHub](#) | roshanshetty2000@gmail.com

WORK EXPERIENCE

Tata Consultancy Services

Pleasanton, CA

Software Engineer

Oct 2023 - Present

- Designed and implemented automation solutions using Python and Ansible, reducing manual effort by over 250 monthly labour hours and improving workflow efficiency by 15%.
- Leveraged Ansible, GitHub Actions, Python, PHP, Power BI, OracleDB, and SQL Server to develop automation solutions and enterprise-wide certificate management tools in collaboration with cross-functional teams.

University of Massachusetts Amherst

Amherst, MA

Full Stack Software Engineer

Jan 2023 - May 2023

- Built a scalable PaaS supporting over 200 students, integrating tools like Slack, GitHub, and Excel to streamline data.
- Developed backend services and APIs in Java to support over 50 modules and over 300 assignments

U-Tutors

Amherst, MA

Full Stack Software Engineer

Jan 2023 - May 2023

- Engineered a student-to-student tutoring platform with an intuitive UI, boosting user engagement by 30%.
- Strengthened platform security and optimized the user experience through targeted features and iterative enhancements.

GRUBBRR

Boca Raton, FL

Full Stack Software Engineer Intern

Jun 2022 - Dec 2022

- Designed and deployed a Menu Builder Tool with over 10 features, including seamless Excel integration.
- Improved system performance by 20% by transitioning to a Svelte-based architecture, ensuring data consistency and immutability.

Tata Consultancy Services

Amherst, MA

Business Analyst Intern

Jun 2021 - Aug 2021

- Conducted time-series data analysis for L'Oréal using Python for over 12 product development decisions.
- Integrated and refined machine learning models, achieving an average accuracy of 93%.

University of Massachusetts Amherst

Amherst, MA

Full Stack Software Engineer

Jun 2021 - Aug 2021

- Spearheaded the development of a web application for DACSS, improving data management efficiency by 15%.
- Directed a team to design and deploy interactive data visualizations using R, enhancing user engagement and clarity.

PROJECTS

RateMyDC

Amherst, MA

Full Stack Software Engineer

Sep 2025 - Present

- Developed a full-stack dining review platform (React, TypeScript, Firebase) serving over 100 monthly active users.
- Processed over 500 reviews within the first month, boosting campus dining satisfaction scores by 25%

AniQueue

Amherst, MA

iOS Developer

Aug 2025 - Present

- Developed an iOS app with SwiftUI and Firebase, achieving 50+ downloads and 4.8 App Store rating in the first week.
- Reduced user search time by 40%, enabling real-time updates for 1,000+ shows and 200+ users via Firebase.

SKILLS

Programming: Python, TypeScript, JavaScript, Java, Swift, SQL, C++

Web: React, Next.js, HTML5, CSS3, Figma

Tools: Firebase, Ansible, Git, MongoDB, OracleDB, MySQL, AWS, Docker

EDUCATION

University of Massachusetts, Amherst

Amherst, MA

Master of Science in Computer Science

University of Massachusetts, Amherst

Amherst, MA

Bachelor of Science in Computer Science