

Riya Theresa Roshan



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 American

PROFESSIONAL SUMMARY

Computer Science graduate student with hands-on experience in enterprise IT systems, full-stack development, and AI research. Proficient in JavaScript, Python, and modern frameworks like React.js and Node.js. Currently pursuing an M.S. in Computer Science from Georgia Tech, with a strong interest in artificial intelligence and end-to-end product development.

SKILLS

ReactJS

Python

HTML, CSS and Javascript

Node.js

Adobe Illustrator, InDesign

EXPERIENCE

IT DEVELOPER

Hewlett Packard Enterprise, January 2023–August 2025

- Completed a 6-month internship as part of the SFDC Deployment Team, responsible for daily component deployments and resolving release-related bugs.
- Later transitioned to a full-time role and joined the **Node.js Microservices Team**, where I contributed to developing a microservice integrated with Oracle for enterprise applications.
- Revamped an outdated authorization application, serving as a bridge for service access, by employing Node.js, resulting in an **80% reduction in codebase size** and significantly enhancing load speeds.

REACTJS INTERN

MeWurk, March 2022–May 2022

- Contributed to the front-end development of the company's internal database portal, identifying and fixing critical bugs prior to production deployment.
- Demonstrated ability to take initiative and work independently on assigned projects.

EDUCATION

MASTER OF SCIENCE (M.S.) IN COMPUTER SCIENCE CANDIDATE , Atlanta, GA, US

Georgia Institute of Technology, Expected graduation July 2026

GPA 4.0

Relevant Coursework

Human Computer Interaction

BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE

GPA 3.8

PROJECTS

Landslide Detection

- Involved training a UNET model designed to analyze and predict the conditions conducive to landslides occurrences, advancing capabilities in detecting potential geological hazards with a 94% accuracy.
- Utilized the Landslide4Sense dataset, encompassing 3799 training, 245 validation, and 800 test image patches, for a project focused on multispectral and elevation data analysis.