

MRUNAL ATHALEY

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I am enthusiastic about pursuing an internship in software development and am open to opportunities throughout the upcoming year, including the summer, fall, and spring. My long-term interests lie in the realm of data in healthcare, where I see immense potential for meaningful contributions. I am also deeply passionate about AI and ML concepts and look forward to engaging in projects related to these areas in the future.

EDUCATION

Rensselaer Polytechnic Institute - Troy, NY

Expected Graduation: Dec 2025

Dual B.S. in Computer Science and Information Technology and Web Science

GPA: 3.89/4.00

- Dean's Honor List Fall 2022 & Spring 2023

EXPERIENCE

HackRPI Organizing Team

September 2023 – present

Organizer – Sponsorship Team

- Conducting extensive research to identify potential sponsors, including analyzing sponsorship lists from other hackathons to expand our network.
- Identifying and reaching out to prospective sponsors and alumni connections to secure support for the hackathon.
- Played an integral role in the pre-event preparations and event setup.
- Contributed to the event's smooth operation by actively assisted with attendee check-in at the entrance desk.

Rensselaer Polytechnic Institute – Troy, NY

September 2022 – present

Helpdesk Consultant

- Interacting with customers by phone, email, or in-person to provide technical support.
- Diagnosing and resolving software and hardware issues.

Leap & Scale – Pune, India

May 2019 – May 2019

Summer Intern

- Gained foundational knowledge in IoT (Internet of Things) and cloud computing.
- Actively participated in the project ideation of IoT-based swim gear.

Infosys – Pune, India

May 2018 – May 2018

Summer Intern

- Acquired foundational knowledge in IoT, cloud computing, and software development.
- Demonstrated leadership by spearheading a collaborative team of interns in conceiving and crafting a movie ticketing website, resulting in a second-place award for the project's excellence.

PROJECTS

SpeakEasy – HackRPI X Hackathon

November 2023 – present

Full Stack Developer

- Worked in a team of 4 to build SpeakEasy, an AI-powered language learning model designed to assist students in enhancing their conversational and speaking abilities while learning a new language.
- Created a fully working chatbot within 24 hours capable of transcribing the user's spoken words into text and responding in a natural conversational style using the Google Cloud and ChatGPT API.
- The chatbot offers real-time grammatical error corrections and suggestions for improved sentence construction.
- Developed the backend infrastructure using Flask, Python, JavaScript, and HTML to connect the chatbot to a database, allowing users to access dynamic data about previous conversations directly on the website.
- Designed and built the entire website framework and user interface for SpeakEasy using HTML, CSS, JavaScript, and Bootstrap, creating an engaging and user-friendly platform for language learners.

Planet – Rensselaer Polytechnic Institute

September 2023 – present

Full Stack Developer

- Developing Planet, a task planning website designed specially for students, streamlining deadline tracking for various assignments.

- Acting as the unofficial team lead, by coordinating meetings, distributing work, and ensuring the project progresses smoothly within a group of five members.
- Utilizing a tech stack that includes HTML, CSS, JavaScript, PHP, and MySQL to build the platform from the ground up.

LabConnect – Rensselaer Center for Open Source

September 2023 – present

Backend Developer

- Developing and maintaining LabConnect, a centralized platform facilitating the posting and discovery of campus lab and research opportunities.
- Utilizing Python-Flask for backend development and JavaScript for frontend components.

RPICinema – Rensselaer Polytechnic Institute

September 2022 – December 2022

Full Stack Developer

- Developed a website for a team project to collect and consolidate data about all movie screenings on campus.
- Utilized a combination of web development technologies, including HTML, CSS, JavaScript, PHP, and MySQL, to build the website.
- Presented our project to our classmates and the professor.

SKILLS

Technical Skills: GitHub, Microsoft Azure, Oracle Cloud Infrastructure, HTML, CSS, JavaScript, PHP, jQuery, Python, MySQL, C, C++, XML, AJAX, JSON, DevOps, Version Control: Git, REST API, Website Design, MIPS, Verilog

Languages: English, Hindi, Marathi, German

RELEVANT COURSEWORK

Data Structures, Introduction to Human Computer Interaction, Web Systems Development, Computer Organization, Foundations of Computer Science

CERTIFICATIONS

Oracle Cloud Infrastructure 2023 Certified Foundations Associate

November 2023 – November 2025