

Rohin Kumar

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EDUCATION

Computer Science B.S

08/2022 – 05/2024

University of Buffalo

Member of Association for Computing Machinery and Society of Asian Engineers

PROFESSIONAL EXPERIENCE

Software Engineer/Lead Game Designer

04/2024 – present

Multiplur

- Led and trained a team of four game developers, creating eight web-based games using the Phaser framework
- Developed key website features, including an AI-powered photo editor and AI-powered asset generation tools.
- Built backend functionality using Python and Flask to support website features and game interactions.
- Managed website production and deployment on Google Cloud, overseeing HTML, CSS, and JavaScript development.
- Worked closely with cross-functional teams to ensure seamless feature integration and timely project delivery.

Support Intern

07/2024 – 08/2024

Big Cloud Consultants

- Provided Tier 1 support for Microsoft 365 applications to 40 client companies, handling 10+ support interactions per day
- Developed client and company IT infrastructure, such as over 80 SharePoint sites and Power Automate routines.

PROJECTS

Group Expense Tracker

- Developed a collaborative expense tracker designed to streamline group purchases such as groceries.
- Utilized Discord API and Matplotlib for implementation in Python. Currently hosted in four servers with 70+ users, tracking expenses effectively.
- Sole developer responsible for developing and pitching at a 24-hour hackathon

Facial Recognition Home security System

- Created a Python program that uses facial recognition to analyze a live video feed and recognize members of your household, and alarms you of unknown persons entering your home

Image Board Site

- Developed a full-stack web application using Flask framework and modern frontend technologies.
- Implemented MongoDB database for secure storage and OAuth 2.0 for authentication.
- Handled user generated content and integrated web sockets for real-time communication and RESTful APIs.
- Deployed using Nginx, covering topics such as HTTP, cookies, CRUD operations, security, and deployment.

Internship Readiness Platform

- Developing a platform where students can review their resume, track applications, and learn topics.
- Coached by Amazon, Bloomberg, and Capital One engineers

SKILLS

- | | | | |
|-----------------|----------|-------------------|--------------------|
| • JavaScript | • Python | • Web Development | • Machine Learning |
| • Microsoft 365 | • Flask | • React | • SQL |