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Ria Manathkar

Software Engineer / Product Designer

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EDUCATION

Carnegie Mellon University

Bachelors in Computer Science and Human-Computer Interaction, Dean's List (High Honors)

May 2025

GPA 3.6

Notable Courses: Parallel Computing, Functional Programming, Computer Systems, Discrete Mathematics,
Computer Graphics, Computer Vision, Interaction Design Studio

TECHNICAL EXPERIENCE

Software Development Engineer Intern

OpsHub/Front-End Engineering Team at Amazon Web Services

May 2023 — Aug 2023

Seattle, WA

- Created a CloudTrail event viewer in AWS OpsHub to support auditing on Snow Devices using React and TypeScript
- Actively engaged with various teams to create a user-centric UI that adhered to Amazon's design principles
- Implemented and tested a robust feature within an Electron application used by millions of customers

Lead IOS Developer

Human-Computer Interaction Institute at Carnegie Mellon

May 2022 — Present

Pittsburgh, PA

- Create educational content for women-focused negotiation teaching app, called Negotium, based on research
- Design UI/UX for IOS mobile app that supports educational materials for women using Figma and Adobe Illustrator
- Develop front-end interface for onboarding, lessons, quizzes and educational content using SwiftUI and XCode
- Lead daily stand-up meetings for a team of five and oversee development, content, and design teams

Academic Development Officer

Kappa Alpha Theta, Gamma Theta Chapter

August 2023 — Present

Pittsburgh, PA

- Plan study hours, internship panels, and resume workshops, enhancing academic/career readiness for 80+ members.
- Organize a scholarship banquet, promoting meaningful connections between members and university faculty.
- Use effective communication to gather member input, increasing participation and satisfaction with tailored events.

Web Developer

Beyond Resolved

June 2020 — August 2021

New York, NY

- Designed multi-page website layout for non-profit combating gender inequalities using Figma and WordPress
- Developed navigational tool that organizes 50+ chapter pages based on location using HTML, CSS, and JavaScript
- Led weekly web design and development meetings for a cross-functional team of 10

ACTIVITIES

Kode With Klossy Scholar

Data Science and Mobile App Development Camp

Summer 2019 — Summer 2020

New York, NY

- Created data visualizations detailing unsustainable practices in fashion using Tableau, SQL, Google Data Studio
- Coded mobile application addressing mental health in adolescents in a team of six using Swift, XCode, Git

Hackathon Award Winner

EntrepreneuHER International Hackathon

Summer 2020

San Francisco, CA

- Won Alpha Technical Difficulty Award for most technically advanced project out of 500+ international teams
- Prototyped collaborative study tool for students in the pandemic using Figma, Swift, and XCode.

SKILLS

Languages

C, Python, C++, Swift, JavaScript, TypeScript, SML, HTML, CSS, Java, SQL, \LaTeX

Tools

React, Git, XCode, Adobe Creative Suite, Figma, Canva, Tableau, Amazon Web Services