

HERSH NAGPAL

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OBJECTIVE:

To apply and grow my software development experience in a co-op or internship position. Available from December 2020 through August 2021.

EXPERIENCE:

Wayfair, Boston, MA

iOS Engineer Co-Op

01/20 to 06/20

- Designed and wrote new features for the iOS Wayfair App in Swift UIKit and GraphQL.
- Learned debugging skills through maintaining existing features on the Wayfair app.
- Created and completed Jira tickets for bugs and new features.
- Learned the concept of MVP, writing effective user stories with clear acceptance criteria, iterative software development in Sprints, Agile/Lean methodologies, using SCRUM/Kanban frameworks.
- Contributed to ticket scoping, retrospectives, and other SCRUM rituals as a team member.

Broadridge Financial Solutions, Edgewood, NY

Cloud Solutions Intern

06/19 to 08/19

- Provisioned and managed AWS resources (EC2, IAM, S3, Cloud Formation) to assist in the company's transition to cloud infrastructure and DevOps practices.
- Created Jenkins builds to increase deployment efficiency using Python and Groovy scripts.
- Demonstrated improvements in user experience by creating wireframe and click-through Apple iPhone application prototypes using Marvel App.
- Presented solutions to COO & other Executives which increased user interest & engagement in digital applications.

SKILLS:

- **Languages and Frameworks:** Java, Python, Swift, JavaScript, React.js, AWS, HTML, CSS. Working knowledge of Ruby, Rust, C, Shell Script, SQL, GraphQL.
- **Software Applications:** Jenkins, Docker, Marvel App, Adobe Photoshop, Microsoft Office (Word, Excel, PowerPoint), IDEs (VSCode, IntelliJ, XCode), LucidChart, Trello, GitHub, GitLab, Perforce.
- **Efficient Development Practices:** Agile/Lean methodologies, SCRUM/Kanban frameworks, and DevOps.
- **Communication Skills:** College education provided extensive experience in written & spoken communication.

EDUCATION:

Rochester Institute of Technology

GPA: 3.3

- Pursuing BS Degree in Software Engineering, Minor in Communication and Psychology. Expected graduation: May 2022.
- **Key Coursework:** Human-Centered UX Design, Engineering Secure Software, Software Development Methodologies, Waste Reduction in Process Management, Public Speaking, Interpersonal Communication.

PROJECTS:

HershNagpal.com - AWS Hosted React App [AWS, HTML, CSS, JavaScript/React.js]

- Designed and developed HershNagpal.com website which strengthened my experience in various web-based technologies and libraries.
- Created a CodePipeline to automate the build and deployment process.
- Constructed with React.js framework and previously with HTML/CSS/JS stack.
- Integrated UX design principles to ensure ease and consistency of use across platforms.

The Movie Database - iOS Mobile Application [Swift]

- Conceptualized, designed, and developed a movie database application using TMDB API.
- Learned user friendly mobile app design using UIKit and autolayout.