

Imoni Mccorvey

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WORK EXPERIENCE

Personal Sabbatical

01/2024 - 05/2024

Amazon Music (Amp) · Atlanta, GA, USA

06/2021 - 12/2023

Primarily working as a full stack engineer on an entertainment mobile application written Swift, React and Java.

Software Development Engineer II

- Implemented a portion of the automation pipeline using TypeScript to streamline version uploads for QA testing, reducing the process from one day to half a day and enhancing developer efficiency.
- Architected and led the effort of modularizing music functionality of the frontend app into a separate package to improve development velocity.
- Added metrics such as user network type, audio packet loss percentage, and audio device used to improve and monitor Amp's audio quality.
- Coordinated with design and product managers to define acceptance criteria and prioritize tasks, ensuring Android app launch readiness.
- Implemented show status notifications, enhancing backend-to-frontend communication for future notifications.

Amazon Retail Seller Fulfillment Services · Seattle, WA, USA

10/2020 - 06/2021

Worked in Sellers Fulfillment Services on the Marketplace Promise Prediction & Programs team. Our team managed calculating the expected delivery date of third-party items on Amazon.com. We also managed and enforced fulfillment programs (such as prime eligibility) for third-party sellers.

Software Development Engineer

- Expanded our API to handle updating all regional holidays bi-yearly in the prospective delivery date calculation, eliminating the need for manual updates.
- Designed a technical solution to improve the audit log tool, reducing on-call ticket resolution time from ~4 minutes to ~1 minute.
- Collaborated with our off-shore team that supports customers directly to clearly outline and define a standard operating procedure to handle customer questions using our team's auditing tools.

iSeatz · New Orleans, LA, USA

01/2019 - 10/2020

A tech company that provides digital search and booking engine to companies in the travel industry.

Software Engineer · Full-time

- Modularized reusable components in React, Redux, Ruby on Rails, and TypeScript, increasing project velocity by two months.
- Prototyped a rewards management system with Ruby on Rails.
- Designed an API schema in Ruby for handling gift card purchasing from the front-end.

Space Telescope Science Institute Operated for NASA · Baltimore, MD

09/2016 -
05/2018

A science center dedicated to astronomical observations through the Hubble and James Webb Telescopes.

Science Mission Office Software Intern · Part-time

- Reduced data to user turnaround time by 87.5% restructured back-end of web application to automatically redirect user data to a file hosting service.
- Developed a native macOS client data analysis tool using Visual Studio.

SKILLS

Languages / Frameworks: Java, React, Swift, TypeScript

EDUCATION

B.A. Computer Science

Johns Hopkins University

12/2018

AWARDS & SCHOLARSHIPS

Michael Bloomberg Scholars Award

Michael Bloomberg (CEO Bloomberg L.P.)

Awarded Freshman of the Year

Johns Hopkins University Track and Field