AMAN MANAZIR

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SKILLS

- C, Java (Spring Boot/Native, JUnit), Python, Ruby, C#, JavaScript, Git, Rails, GraphQL, SQL, Assembly
- Operating Systems, Microservices, Backend, AWS, iOS/Android App Development, Agile, Docker, Flask

WORK EXPERIENCE

Shopify: *Full-Stack Engineering Intern* — 09/2022 – 12/2022
- Managed a complex bug fix in Shop Cash backend that prevented campaigns associated with disabled shops from being displayed to users, optimizing shopping experience for 100+ million registered app users.
- Executed a critical renaming operation from Boost Campaign to Offers in the Shop App, rerouting backend resolver on the deprecated field, which streamlined the API and improved application maintainability.
- Spearheaded the successful rollback of a failed PR post-merge, coordinating with the on-call team and learning valuable lessons about stakeholder communication in high-stakes situations.

Amazon: *Software Development Engineer Intern* — 06/2022 – 09/2022
- Led the design and development of five new Global API attributes on the Catalog Distribution Services (CDS) team improving 30,000+ titles on Prime Video using Java and AWS.
- Created backend dynamic field containing Original/Exclusive status data saving 50+ hours per quarter.
- Communicated with partners (Samsung, LG, etc.) through Partner Central documentation to explain how to integrate all the new API fields into their pre-existing systems.

Shopify: *Backend Developer Intern* — 01/2022 – 04/2022
- Used GraphQL and SQL to store issues and metadata about incoming shipments on the Shopify Fulfillment Network inbounding team.
- Created Rework system using Ruby on Rails backend integrated with React application to log damaged items, communicate with merchant, and repair product impacting 250+ Shopify merchants.
- Visited Ottawa warehouse to educate workers on Rework and run extensive virtual/physical testing.

John Deere US: *Software Engineering Intern* — 05/2021 – 08/2021
- Advanced the JD Expert Services Web/iOS App with the development team of 15 engineers at John Deere.
- Migrated Machine Microservice API from OAuth 1 to OAuth 2, expanding software security through encapsulation.
- Transitioned application backend from Java Spring Boot to Spring Native which drastically increased performance and launch speed by 15 times.

Modern Woodmen of America: *Software Development Intern* — 05/2020 – 08/2020
- Utilized Microsoft Azure DevOps Webhooks and Microsoft Teams API to connect to company SQL Database and create custom .NET integrations between Microsoft products and financial systems.
- Instituted connection with C# between MS Teams and error logs so the IT support team would be notified immediately through an error card after an exception is thrown on enterprise software.
- Consulted with IT to modify management workflows and to develop new support system which sped up defect elimination and reduced overall support tickets by 20%.

EDUCATION

University of Wisconsin-Madison || Madison, WI — August 2019 – May 2023
B.S. Computer Science, Certificate: Mathematics

Relevant Coursework: Data Structures and Algorithms, Operating Systems, Machine Organization and Programming, Artificial Intelligence, Mobile App Development, Software Engineering, User Experience/User Interfaces, Object-Oriented Programming