Jasmeen Sran

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TECHNICAL SKILLS

Programming languages: Java, Python, C#, C, JavaScript, TypeScript, HTML, CSS, AWS Lambda
Technologies: React JS, Redux, Node JS, ASP.NET, Playwright, Express, Jest, Playwright, Git, Jira
Certifications: AWS Certified Developer – Associate

EDUCATION

University of Toronto   **April 2024**
Bachelor of Science - Computer Science Specialist

- Relevant Courses: Linear Algebra, Software Design, Computer Organization, Software Tools and System Programming, Data Structures and Analysis, Introduction to Databases

WORK EXPERIENCE

Xero   M**ay 2022 – August 2023**
Software Engineer Intern

- Delivered React component based front end features for a cloud accounting product in critical stages of tech stack modernization journey, culminating in usage of 1 million users per day
- Championed the feature to increase the screen real estate to accommodate more line items on screen, critical feature used by 50,000 accountants per day
- Implemented API endpoints in .Net Core backend that attracted traffic of 40k requests/min
- Led project assessing risk for a new BFF API, from scoping requirements through engaging with stakeholders to devising comprehensive solutions, showcasing end-to-end leadership and thorough risk evaluation

PROJECTS

Book API (AWS Lambda, AWS DynamoDB, AWS API Gateway)

- Serverless CRUD API built on AWS infrastructure using the AWS console
- Integrated Lambda functions to API Gateway routes to retrieve data from DynamoDB table
- Allows users to store and manage their read books along with a rating for each book

SewMuchFun (React JS, ASP.NET Core, CSS, HTML)

- Developed a full-stack web application using ASP.NET and React to allow users to create accounts and share sewing projects with others
- Implemented features that enable users to create sewing project posts, view user profiles, follow other users and view content posted by followed users
- Created a database for application using Entity Framework Core

Personal Portfolio (React JS, CSS, HTML)

- Developed a front-end application using React to display experience, projects, skills and general information about myself
- Implemented animations using react-spring and react-motion libraries

Airline Reservation System (Java)

- Programmed a flight reservation system with a user interface that allows users to create passenger accounts, reserve flights, cancel reservations and message other users
- Implemented admin functionality, allowing admin users to create flight reservations, manage booking and message passengers
- Designed program using JavaFX and principles of clean architecture