Muneeb Ansari

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Skills

Languages: Python, JavaScript, Java, C, SQL
Technologies: AWS, Node.js, React, Express.js, Git, ActiveMQ, Jenkins, Auth0

Experience

407 ETR *May 2021 - Present*
Software Developer *Toronto, ON*

- Leading the development and integration of a unified authentication experience for web and mobile platforms, serving 2 million users, utilizing Auth0, Node.js, Terraform and Jenkins
- Reducing monthly DynamoDB backup storage costs by 67% by leveraging AWS Step Functions in parallel to remove 13 terabytes of outdated backup data
- Increasing mobile app quarterly revenue by 200% by developing and deploying RESTful APIs to support in-app billing statements and payment history using AWS Lambda and Amazon API Gateway
- Migrating 500 megabytes of DynamoDB table data to a new schema by implementing a Node.js script with batching, parallel processing and retries with exponential backoff to ensure efficiency and data integrity
- Implementing a mobile UI test automation suite using WebDriverIO and behavior-driven development (BDD), with integration into SauceLabs and Jenkins continuous integration (CI) pipeline

407 ETR *May 2019 - Aug. 2020*
Software Developer Intern *Toronto, ON*

- Optimized GIS performance by 10x by identifying database bottlenecks and caching map tiles on server-side
- Developed a Spring Boot notification service to enhance EAM workflow, increasing monthly throughput by 14%
- Implemented Apache Camel routes on Enterprise Service Bus (ESB) to consume messages from ActiveMQ topics, leveraging event-driven architecture to ensure reliable message processing and routing
- Developed a full stack asset management web app using Angular, Spring Boot and SQL; featuring dashboards, dynamic tables with pagination, and interactive maps using Leaflet
- Built SFDC Lightning Web Components to support account management workflows; leveraging HTML, CSS, JavaScript and Salesforce Flow Builder to automate business processes

Projects

vehicle-maintenance-chatbot | github.com/MuneebAnsari/vehicle-maintenance-chatbot

- Developed a chatbot that provides text and video guides for vehicle maintenance using React and TypeScript
- Developed a RESTful API in Flask to provide query responses using OpenAI GPT-3.5 and Pinecone Vector DB
- Leveraged NLP to extract key moments and video segments from transcripts, reducing filler content by 40%

Education

University of Toronto *Sept. 2016 - May 2021*
Honours Bachelor of Science, Computer Science