

ANKIT BANERJEE

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WORK EXPERIENCE

Software Engineer

Deloitte USI

Jan 2023 – Present

Hyderabad, India

- Developed a **.Net Core microservice** from scratch leveraging **Azure** cloud services to perform business logic validations and optimizations before communicating with a third-party application. Successfully replaced a legacy orchestration tool, resulting in its decommissioning and cost savings for the client.
- Developed a .Net based **data replication** utility that automated the replication of data from new tables to legacy tables, significantly reducing manual effort.
- Implemented **Event Driven Architecture** leveraging **Message-Queueing (Azure Service Bus)**, which allowed us to communicate between our microservices and reduce the average response time for API calls from microservices to an average of 10ms and facilitate asynchronous communication.
- Reduced number of **SQL** stored procedures by 50% for a microservice and increased performance of queries by translating stored procedures into C# logic using ORM's like **Entity Framework** inside the microservices.
- Developed multiple common UI utilities using **REACT Js** and **JavaScript** and integrated it with the backend APIs to complete multiple end to end screen flows.

Backend Developer Intern

Highradius Corporation Limited

Aug 2021 – May 2022

Remote

- Implemented an API using **Java, Spring Boot, SQLAlchemy ORM and Docker**. The API fetches holiday data for a particular financial center from a SQLite database, calculates a good business day, and returns the result as a JSON file.
- Developed an optimised business usecase called stress testing from scratch using JAVA that reduced the time by 23% and cost by 34% .
- Implemented caching using Redis cache thereby reducing the response time of a bulk API from 7 secs to under 1 sec and improved the load speed of the application by 2x

PROJECTS

Point of Sale Application | React, Express, NodeJs, MongoDB, Redux

- Developed a Point of Sale application for a restaurant to manage their offline orders.
- Implemented backend with all CRUD functionalities and authentication from scratch using Node Js and Express.
- Used REACT functional components for developing the frontend and REDUX for state management.
- Designed and implemented the database schema using MongoDB atlas cloud storage.

CERTIFICATIONS

Cloud Engineer - Associate | Google Cloud Platform (GCP)

April 2023

SKILLS

Languages/Patterns: C#, Java, Javascript, Typescript, Python, OOPs, HTML5, CSS3, Docker, MVC, NodeJS

Frameworks / Libraries: React, .Net Core, .Net Framework, Entity Framework, Flask, Dapr, Git, JSON, CI/CD, Docker

Databases: Oracle, SQL Server, MongoDB, NoSQL, RDBMS

Cloud / Tools: Azure Devops, GCP, Github , VS Code

EDUCATION

SRM Institute of Science and Technology (CGPA : 9.62)

Bachelor of Technology in Electronics and Communication

July 2022

Kattankulathur, Tamil Nadu