ASIF AHSAN

SENIOR SOFTWARE ENGINEER

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EDUCATION

BRAC University

2016 - 2021 | Bachelor in Computer Science | BRAC University

PROFILE

I am a strong, skillful, and self-organized full-stack developer with 3 years of experience developing websites with clean code, well documentation, code reusability, proper software architecture, and a user-friendly interface. Whether a multi-page dynamic website or building complex software the result of my work gives me ample joy. GitHub : github.com/AsifAhsan4980

SKILLS

- AWS: Lambda, Cognito, Open Search, AppSync, API gateway, Graph QL, Cloud9, EC2, DynamoDB, Amplify, S3, etc.
- Backend: Node JS, Express
- Front End: React, Next, Angular
- CSS: Material UI, Ant Design, Bootstrap, Tailwind
- Database: MongoDB, Firebase, DynamoDB, MySQL
- Language: Typescript, JavaScript, Java, C++
- Dev Ops : AWS, Digital Ocean

EXPERIENCES

2022   Doodle Technologies Ltd. (Current)
Software Enginner

- set-up, maintenance, and ongoing development of the current backed code base.
- Working with AWS serverless micro-service technologies such as Lambda, Cognito, AppSync, API gateway, Graph QL, Open search, Cloud9, S3, Dynamodb etc.
- optimize and develop new features for both front-end(React) and backend(Node JS)
- Identifying critical bugs and finding and applying solutions
- participate in technical discussions to aid system design, analysis, and troubleshooting

2021   Tech Hack Canada
Junior Software Developer

- Gained extensive skills and abilities in TypeScript, JavaScript, React, Next JS, Node JS RESTful APIs, No SQL, and Go, through regular practice in projects.
- Shadowed senior software developers throughout projects to gain expertise in coding and fixing bugs.
- Proactively contributed and communicated project enhancement ideas within team meetings.
- Worked closely with other team members to identify and remove software bugs.
- Assisted in designing, developing, testing, debugging, and maintaining digital services that met user needs.

LANGUAGES

English	speaking, reading, writing
Bangla	native

PROJECT

Ticket Tomorrow (tickettomorrow.com)

- Developed a Ticketing Platform: Built from scratch using Next.js for the frontend and a React-based admin dashboard, ensuring a seamless user experience.
- Backend Architecture: Implemented AWS Lambda, AppSync with GraphQL, OpenSearch, Amplify, S3, Cognito, and DynamoDB for scalable and secure data handling.
- State Management: Set up Redux for managing application state, including user authentication, ticketing logic, and payment flows.
- Payment Integration: Integrated multiple payment gateways, including Bkash and SSL, with server-side verification and webhook handling using AWS Lambda.
- Responsive Design: Crafted a highly responsive UI with Tailwind CSS, ensuring compatibility across all devices for both user-facing and admin interfaces.
- Testing & CI/CD: Established automated testing and CI/CD pipelines using GitHub Actions, enabling smooth deployments and continuous integration.
- Post-Launch Maintenance: Monitored performance with CloudWatch and AWS X-Ray, iteratively optimizing the system based on user feedback.

Tribel (tribel.com)

- Developed Node JS Lambda Serverless API along with Cognito, AppSync, GraphQL, DynamoDB, S3, Chime, Recognition, CloudWatch, etc.
- Worked on Front end React for implementing new features worked with redux etc.
- Designed and Structured backend code of new feature with reusability.
- Written schema of the project with AWS Cloud 9
- Fixing front-end and backend Bugs according to the assigned task
- Agile Workflow familiar with Jira for project Management
- Worked on GraphQL subscription and Socket.IO for notification and messaging

Wozaif (dev.djxlw0btr3uzt.amplifyapp.com)

- Developed Ticketing Platforms (Wozaif & Others): Built from scratch using Next.js for the frontend and a React-based admin dashboard, ensuring a seamless user experience.
- Backend Architecture: Implemented AWS Lambda, AppSync with GraphQL, OpenSearch, Amplify, S3, Cognito, and DynamoDB for scalable and secure data handling.
- State Management: Set up Redux for managing application state, including user authentication, ticketing logic, and payment flows.
- Payment Integration: Integrated multiple payment gateways like Bkash and SSL, with server-side verification and webhook handling using AWS Lambda.
- Localization & Internationalization: Configured i18n for multi-language support, enabling a global user base with locale-based content.
- Responsive Design: Crafted a highly responsive UI with Tailwind CSS, ensuring compatibility across all devices for both user-facing and admin interfaces.
- Testing & CI/CD: Established automated testing and CI/CD pipelines using GitHub Actions, enabling smooth deployments and continuous integration.

Adan App Backend

- Developed a backend that can read an Excel/JSON file and save inputs of Adan time in MongoDB
- Made a back-end environment that only takes new work time as per the client's requirement
- Solved all types of time-related problems with the package Moment JS.
- Made a custom Job Scheduler that sends notification to app before 30 minutes of adan time