





Mubtasim Fuad

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SUMMARY

Experienced Backend Developer with a strong focus on architecting cloud-native solutions and building scalable backend systems. Proficient in developing AI-driven applications, leveraging Large Language Models (LLMs) and multi-agent systems for sophisticated data processing and real-time decision-making. Expertise includes implementing Retrieval-Augmented Generation (RAG) techniques and deploying advanced AI architectures across cloud platforms. Proven ability to collaborate with offshore and cross-functional teams to deliver innovative, high-performance solutions that optimize workflows and enhance system efficiency.

SKILLS

Languages: Python, JavaScript, Typescript, Java, C#, SQL, NoSQL, HTML

Technologies: AWS, Django, Django Rest Framework, Express.js, FastApi, Docker, Linux, Web Scraping, Selenium, Data Analysis, Langchain

Methodologies: OOP, Agile, Git, DevOps, CI/CD, RAG, API Development

Soft Skills: Collaboration with offshore teams, leadership, problem-solving, communication

EXPERIENCE

Shadhin Lab LLC

Solution Developer (Backend)

Hybrid

Aug 2023 – Present

- Collaborated with an offshore team to build scalable cloud-native applications.
- Developed serverless applications on AWS using Lambda, CDK, Aurora, DynamoDB, and SAM.
- **Gen-AI Application:** Led the development of a RAG-based Gen-AI application for real-time document retrieval and summarization using GPT. Built multiple agents with specialized knowledge bases and distinct roles to manage various tools and services for the system. docadvisor.xyz, shadhin.ai
- **One Stop LMS:** Worked on development a full-featured MOOC platform allowing users to stream courses, take exams, and receive certifications. app.onestoplms.com.
- **Online Meeting Tool:** Collaborated and implemented an online video conferencing solution with real-time collaboration features. meetmates.live.

Shadhin Lab LLC

Intern (Backend)

Hybrid

May 2023 – Jul 2023

- Trained on cloud-native development and assisted in backend project deployments.

PROJECTS

AWS CDK Python E-commerce Project

Developed a serverless backend with AWS Lambda, DynamoDB, SQS, and API Gateway, streamlining inventory management and user interactions.

Hashfad, Multi Vendor Shopping App

Built a unified multi-vendor shopping platform using Django Rest Framework, Celery for task management, and Docker for deployment.

Team Blogging App (Django, Bootstrap)

Created a blogging platform with user profiles, CRUD operations, and a nested commenting system.

'Petuk' Android App (Java, Firebase)

Developed a B2C app for food ordering from various restaurants, leveraging Firebase for backend services and authentication.

University Management System (C#, .Net)

Implemented modules for course enrollment, teacher assignment, and registration, streamlining university administration.

EDUCATION

International Islamic University Chittagong

Bachelor of Science in Computer Science & Engineering, GPA: 3.447/4.00

Chattogram, Bangladesh

Graduated: 2022

CERTIFICATIONS

AWS Certified Cloud Practitioner - AWS

Python with Django - Pondit

Applied Data Science I - WorldQuant University

Python Data Structure - University of Michigan (Coursera)

Web Application Development-DotNet - BITM

REFERENCES

References available upon request.