

Ashiqur Rahman Fahim

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 👤 Portfolio ✉️ in ash-fahim ✉️ 🌐 <https://github.com/AshFahim> ✉️

Summary

I am a dedicated computer science and engineering professional with a solid background in Back-end development and blockchain technology. With a comprehensive understanding of software design, development, and testing, I have successfully contributed to creating various efficient and scalable mobile and web applications. My passion lies in building and collaborating on innovative projects, and I am particularly enthusiastic about Back-end, DevOps, and blockchain practices.

Skills

Languages: Python, Dart, Solidity, C++, C, SQL, JavaScript, PHP, Verilog

Database: MySQL, MongoDB, CockroachDB, Supabase

Frontend: Flutter, React, Unqork, Tailwind, Bootstrap, Next.js, Framer Motion, Wordpress

Backend: FastAPI, Flask, Hyperledger Fabric, Hyperledger Aries, Laravel, django, firebase

Tools: Linux, Git, Adobe, Figma, Arduino, Android Studio, JetBrains, Vscode, CLI

Experience

All Generation Tech, Associate Software Developer, Remote

New York, USA
July 2024 to Mar 2025
9 months

- Gained hands-on experience in no-code application development using the Unqork platform.
- Developed skills in workflow automation, dynamic UI creation, and system integration associated with Auxo Solutions. Acquired knowledge in building and optimizing enterprise-level applications.
- completed multiple projects, ensuring full client alignment through direct communication.

Grameenphone Ltd., Nextern | Center of Expertise, People & Organisation Department

Dhaka, Bangladesh
July 2024 to Dec. 2024
6 months

- Organized multiple learning workshops and managed a Learning and Development platform, ensuring effective knowledge transfer and skill enhancement.
- Developed a web-based game to gamify an exam for NBL candidates, increasing engagement and improving the learning experience.
- Created a demo for the "Dynamic Recruitment Planner" Automation Project using Next.js, Supabase, and an SMTP server for enhanced system efficiency and automation.

Beep Pay, Software Developer(Mobile), Remote

Dubai
Nov. 2023 to May 2024
7 months

- Developed a prototype app using Flutter for presentation at the CX NXT - Customer Experience BFSI Summit in the UAE
- Managed a team of five and communicated progress directly with the founders.

Tekinouchi, Web Developer

Dhaka, Bangladesh
Sept. 2022 to Sept. 2023
1 year

- Specializing in developing web applications with a focus on front-end technologies.
- Built various static and dynamic websites based on client requirements using React.js and Next.js.

Education

BSc. BRAC University , Computer Science and Engineering	Jan. 2020 to Aug. 2024
<ul style="list-style-type: none">• CGPA: 3.23• Thesis: Decentralized Identity Verification: A Blockchain-Based Framework for Self-Sovereign Identity (SSI) with Issuer Trust Registry• Coursework: Software Foundations, Computer Architecture, Data Structure and Algorithms, Artificial Intelligence, Comparison of Learning Algorithms, Computational Theory, Network, Blockchain and cryptocurrency.	
HSC. Adamjee Cantonment College , Science	2019
SSC. Adamjee Cantonment Public School , Science	2017

Projects

GhewMew: Pet adoption website	Jan. 2024
<ul style="list-style-type: none">• Applied microservice, multiservice architecture• Used FastAPI, MySQL, React• Main focus was on user authentication and authorization	
Car safety and Crash alert bot	Mar. 2024
<ul style="list-style-type: none">• Build this bot as my robotics course work• Can avoid crash but in case it fails will send an emergency alert to users friend, family or help services.• Used Arduino Uno, ESP32 Devkit, different sensors.	
4Shadi : Matrimonial Matchmaking App	Dec. 2024
<ul style="list-style-type: none">• Applied multi-service, microservice architectures, publisher subscriber models etc. Deployed services on vercel• Used NextJS, NodeJS, FastAPI, Flask altogether to create efficient UI and backend systems• Implemented RESTful APIs for different microservices.	
Vehicle Accessories Inventory Shop	Aug. 2023
<ul style="list-style-type: none">• Developed using Laravel and Tailwind CSS, ensuring a robust backend with a modern, responsive frontend.• Includes real-time inventory tracking, advanced search functionalities, and user-friendly interfaces tailored for efficient management.	
Patient Management on Ethereum	Mar. 2024
<ul style="list-style-type: none">• Worked on the backend of with Ethereum blockchain• Used Solidity to write smart contract and deploy on Ethereum.	
Company Register on HyperLedger Fabric	Mar. 2024
<ul style="list-style-type: none">• Worked on ledger state application transaction and frontend to interact with it• Used Hyperledger Fabric framework	

References

Syed Abdullah Mohammed Munim Ahmed

- **Position:** GM, Head of Org. Capabilities & Leadership
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