Shariar Islam Saimon

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EDUCATION

University of Bridgeport | Bridgeport, CT
MS in Computer Science CGPA : 3.967   Jan 2022-Jan 2024

North South University | Dhaka, Bangladesh
BS in Computer Science and Engineering CGPA : 3.24   May 2015-Jun 2019

SKILLS

- Languages - Python, C, C++, C#, Java, JS, Dart, SQL, Verilog
- Django, Flutter, React JS, ASP.NET Core, Blazor,
- AWS, GCP, Firebase Salesforce, Starrez, Matlab.
- OOP, MVC, Agile, RESTful API, ORM, CI/CD, Git, Socket, Elastic Beanstalk, Authentication, Push Notification, RDBMS, FPGA, Data Mining, SVM,CNN.
- Certifications - AWS Academy Cloud Foundations, C# (Basic) Certificate, Crash Course on Python, SQL (Basic)

EXPERIENCE

QUICKMED | Dhaka, Bangladesh
Application Developer   Sep 2019 – Feb 2023

- Co-founded a startup during my bachelor's program and led the development of the QuickMed telemedicine platform, a prominent initiative providing complimentary healthcare services to doctors and patients in Bangladesh during the Covid-19 pandemic.
- Applied expertise in Cloud Computing, Socket Programming, and State Management to facilitate seamless communication between healthcare practitioners and patients.
- Implemented real-time communication with Agora to enhance the platform's capabilities for online video consultations with medical professionals.
- Utilized Django REST Framework and **RESTful API** to establish a robust and efficient backend system and Flutter (Dart) for mobile application development, catering to both Android and iOS platforms, to provide a seamless and accessible experience for users.
- Integrated **Firebase** for scalable and real-time data management, ensuring optimal functionality within the application.
- Responsible for the mobile application's design, testing, and execution, including the implementation of new modules and regular bug fixes and updates on the live hosted platform.
- Orchestrated the incorporation of key features such as secure OTP authentication, e-prescriptions, real-time chatting, electronic medical records, diagnostic tests, and integrated drug delivery using APIs, socket programming, and a payment gateway.
- Implemented **PostgreSQL** as the object-relational database system and leveraged the **Django** framework using ORM for web application development, ensuring a robust and scalable backend.
- Implemented **Docker** for containerization, streamlining deployment processes and enhancing the consistency of application environments.
- Applied **Agile** methodologies in project management, facilitating iterative and collaborative development processes to adapt to changing requirements and deliver high-quality results.
- Proficiently employed version control systems (**Github**), ensuring efficient collaboration and code management throughout the development lifecycle.

Saimon Properties Ltd. | Dhaka, Bangladesh

General Manager   Sep 2020 – Present

- Initiated as an IT specialist, spearheading the development and deployment of the company website.
- Engaged in crafting **ERP software**, transforming traditional workflows into a streamlined e-office system.
- Administered social platforms, effectively generating leads, and managing online presence.
- Transitioned to the role of General Manager, actively driving marketing and advertisement initiatives for the company and its projects.
- Successfully implemented and oversaw the migration of systems and applications to the AWS cloud infrastructure.
- Provided technical support and documentation to facilitate a smooth transition for end-users.
- Demonstrated proficiency in **AWS server management**, troubleshooting, and ongoing optimization.
- Contributed to the establishment of an efficient and cost-effective cloud infrastructure for enhanced business operations.
- Utilized **AWS RDS** for database management, ensuring secure, scalable, and highly available data storage.
- Implemented **AWS Elastic Beanstalk** to streamline the deployment and management of applications, focusing on automation and efficiency.

Part-Time

University of Bridgeport | Bridgeport, CT

Graduate Administrative Assistant   Feb 2023 – Dec 2023

- Spearheaded **StarRez** software development and organization for Housing and Residential Life.
- Designed and delivered staff training, setting clear expectations for program use.
- Efficiently liaised with StarCare and UB IT for work orders and error resolution.
- Managed equipment tracking, replacements, and checkout processes for optimal inventory control.
- Provided adept troubleshooting for maintenance, repairs, and modifications as part of the StarRez team.
- Contributed to robust security management of StarRez software and oversaw StarRez portal X.
- Expanded responsibilities to include data entry in Datatel, StarRez, and UB portal online forms.
- Led the design and maintenance of the department UB portal and digital TVs for enhanced communication.

INVOLVEMENT

- Developed and Deployed the Employment Module
  (Residential Housing Portal of University of Bridgeport)   2023
- Summer Assistant in Residential Housing of University of Bridgeport   2022
- Front Desk Assistant in Residential Housing   2022
- Freelancing in local citation for hotels in USA, Canada   2018 – 2020
- Member at NSU CEC Club   2015 - 2019
- Full Stack Web development workshop in Creative IT Institution   2015

VOLUNTEER EXPERIENCE

- 5 years+ Teaching Experience in Math, Physics, Chemistry in O' and A' Levels   May 2015 – Jun 2020
- Volunteer at Youth Wave Foundation   Jan 2013 – Dec 2016

Authorized to work in the US (International Student/OPT)