TAHSIN ALAM

SOFTWARE ENGINEER

SUMMARY

- Full Stack Developer with 10+ years of professional experience
- Working as a SDET and practicing DevOps for a North America based company
- Co-founded a platform with easy-to-find childcare for parents in Southeast Asia
- Developed web projects using LEMP, MEAN stack and Flutter for mobile
- Designed database architecture and planned full life cycle of software development.
- Deployed applications on cost-efficient VPS Linux servers while maintaining 99.1% uptime
- Spearheaded projects while working for both on-site and remote jobs
- Maintaining 20+ web applications as my hobby projects hosted on my own server
- Learning R programming language as a statistical tool to work in the field of Bioinformatics
- Established development skills in a way that helped overcome the limitations of programming language barrier

CONTACT

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EXPERIENCE

Coolbaby Digital Sdn Bhd   Mar, 2020 - Sep, 2022   **CTO and co-founder**

- With 1000+ childcare, it is one of the market leaders in Southeast Asia
- Managed all aspects of the project, along with coding in Angular, Golang, MySQL and maintaining VPS server.
- Entered Alpha Startups Digital Accelerator contest with the team and secured 2nd position.
- Hired a team to work on Front-end and to perform testing on the platform.
- Implemented 50+ endpoints in Go, reducing response time by 15%.
- Engineered a whole solution for the platform producing Web application, Admin Panel, REST API, Database
- Developed Admin panel to save company's operation time and generated analysis report.
- Resolved more errors by making sure 3 environments in platform namely: Development, Staging and Production

TECHFUSION   Jul, 2019 - Feb, 2023   **Technical Lead**

- Architected a Telehealth platform written in Angular with NodeJS REST API, following the footsteps of OpenEMR
- Strengthened another Telecare project on which patients from all over the world received second opinions from US doctors.
- Implemented Agora Video call, Twilio Audio call on the Laravel framework to ensure better connectivity on the application.
- Built an appointment feature to resolve time zone issues among users.
- Introduced customized DNS name servers for the domains with the help of bind9 which maximized performance.
- Managed 4+ projects on Zoho projects management tool which eliminated a lot of issues.
- Developed function to store video recordings on Azure bucket using REST API provided by Agora for later analysis.

Anexa Technologies Ltd.   May, 2019 - Nov, 2020   **Senior Software Engineer**

- Led team of 3+ developers, trained them in the front-end web technologies.
- Designed a QA Automation application's User Interface
- Implemented successful connection between gRPC and Angular framework for an e-commerce web application.
- Developed the company website with static site generator Gatsby.
- Built a mobile app on Flutter to help users rent each other's vehicles or swap them.
- Engineered authentication system for Flutter mobile app with JWT.
- Integrated stripe payment gateway and built features like calendar, booking vehicle, invoice generation etc.
- Tested in-house built APIs with the help of Swagger to minimize error percentage.
- Delivered more bug free software with the help of debugging support from QA team.

Secure Link Services AG   Jul, 2018 - Apr, 2019   **Software Engineer**

- Accelerated development skill in a team of 27 developers.
- Coded 10+ features in a Fintech web application which were highly praised by Team lead.
- Built features using npm packages extensively.
- Maximized proficiency after understanding the full life cycle of a software starting from requirement collection till deployed in production using JIRA.
- Improved collaboration experience with the help of tools like GitKraken

Softograph Ltd.   Feb, 2017 - Jun, 2018   **Software Engineer**

- Devised a messenger bot which was capable of answering questions depending on the option selected by user.
- Tested micro-services with Postman before implementing them, which reduced error by 25%.

Coalesce   Aug, 2016 - Feb, 2017   **Programmer**

- Developed the entirety of a hotel booking platform which signed up 40+ hotels from all over Bangladesh.
- Strengthened development skills in Operating Systems like Linux, Windows and MacOS

Hive   Nov, 2015 - May, 2016   **Developer**

- Orchestrated branding of this co-working space with website development, server maintenance and IT consultations
- Merged with technopreneurs to form an ecosystem to help the technology, digital and consultancy community to grow.

Techynaf Technologies Limited   Oct, 2015 - Nov, 2017   **Designer**

- Championed National Hackathon 2014 and formed a start-up with 3 friends, which ended up delivering software for both clients in Bangladesh and foreign countries.
- Deployed 10+ projects on AWS EC2 which helped save the company's server cost.
- Delivered CI/CD for one project using GitHub Actions, which sends notifications to Slack.

Creativeitem   Oct, 2014 - May, 2015   **Programmer**

- Worked towards building team of 5+ people and developed 3+ projects including system architecture and database design.
- Maximized the experience of working with a cPanel and designing database using phpMyAdmin.

SKILLS

AJAX

Angular 4+

Angular Material

Apache2

AWS EC2

Azure Blob

Bash

bind9

Bootstrap

Codeigniter

cPanel

CSS

Dart

Express

Flutter

Gatsby

GIMP

Git

Go

Handlebars

Haskell

HTML

JavaScript

JIRA

jQuery

JWT

Laravel

Materialize

MongoDB

MS SQL

MySQL

Nginx

NodeJS

Postman

phpMyAdmin

Sass

Trello

TypeScript

VPS

Zoho

ENVATO AUTHOR

- Sold 380+ copies of 3 web applications that I developed end-to-end.
- Built Venus, targeting better management of school, college, or Community Alumni Association software from Admin Panel
- Developed Mars so that landlords can manage their property more efficiently using features like invoice, lease monitor etc.
- Tailored Saturn with 50+ modules so that Hospitals and Clinics can streamline their operations happening daily.
- Consulted with clients from 6 out of 7 continents and designed applications to their requirements.

EDUCATION

Brac University

B.Sc in Computer Science and Engineering