TAHSIN ALAM

SOFTWARE ENGINEER

SUMMARY

- Full Stack Developer with 9+ years of professional experience
- Delivered 120+ applications, communicating successfully with key stakeholders
- 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 physical and remote jobs
- Established development skills in a way that helped overcome the limitations of programming language barrier
- Maintaining 20+ web applications and 3+ servers as my hobby projects
- Learning R programming language as a statistical tool to work in the field of Bioinformatics

EXPERIENCE

Coolbaby Digital Sdn Bhd   Mar, 2020 - Present   **Full Stack Developer**

- 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 others 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

SELISE rockin' software   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   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 a 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

ENVATO AUTHOR

- Sold 300+ 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

CONTACT

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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**

EDUCATION

Brac University

B.Sc in Computer Science and Engineering