(+880) 174 909 2343
mail.jamilsiam@gmail.com

Jamilush Siam Talukder

Dhaka, Bangladesh
linkedin.com/in/jamilsiam
github.com/siamcr7

Work Experience

Senior Software Engineer   **Enosis Solutions**   **May 2018 - Present**

- Spearheaded a team of multinational developers for a US based client to develop an enterprise level project
- Reduced the initial Angular bundle size by 700KB by code-splitting and lazy loading the JS files
- Researched, designed and developed a 10x faster high performing module with 2-10x more data traffic than before by optimizing query in ORM, raw SQL scripts and efficient relational database architectural planning
- Enhanced the overall Net Promoter Score by 10 points by successfully launching the first ever public site of the project
- Piloted the design and implementation of a state of the art File Sharing Platform in SPA with special features such as Upload/Download Large Files, Activity Notifications, Show/Hide Nodes and Share Links
- Saved 25%-30% of the developers time by building a Push Based Architecture with RxJS from scratch to improve code readability instead of using popular state management library
- Revitalized the latest good practices into the codebase by enforcing programming paradigms and design patterns such as Single Responsibility Pattern (SRP), DRY Principle, Reactive Programming, Functional Programming
- Scaled the business model by 2-5x proportion with the integration of major third party libraries such as Auth0, Stripe, MailChimp, Piranha cms, HangFire and HelpScout
- Optimized the Angular run-time by 5s with the introduction of Web Workers and Transducers data processing pipeline
- Established a well-organized routine of communication with off-shore client among junior developers to minimize the waiting time of 12 hour time-zone lag

Junior Software Engineer   **Orbit Informatics**   **Jan 2018 – Apr 2018**

- Learned the basics of back-end programming with OOP PHP programming language
- Got familiar with Unit Testing with PHP Unit Testing, SCRUM Process, JIRA, version control tooling BitBucket

Skills & Expertise

- Languages: TypeScript, C#, JavaScript, C++, Java, SQL
- Technologies: Angular 9, .Net Core Web API, MSSQL, Entity Framework, RxJS, Kendo UI, EJS Syncfusion UI

Competitive Programming, Online Judge and Contest Profile

- Solved 800+ problems in various OJs
- Proficient in Algorithm and Data Structure
- **[Rank: 04/030]** AIUB CS Fest Programming Contest 2016
- **[Rank: 25/150]** ACM-ICPC Asia Dhaka Regional 2017
- **[Rank: 38/161]** SUST CSE Carnival Contest 2017
- **[Rank: 24/102]** NSU Inter University Programming Contest
- **[Rank: 26/128]** BUET Inter University Programming Contest
- **[Rank: 38/098]** MBSTU CSE Carnival Programming Contest

- Passed Google Foobar Challenge
- Google Code Jam, APAC, Kickstarter
- CodeChef **[Rating: 1918]**
- HackerRank **[Rating: 1989]**
- CSAcademy **[Rating: 1519]**
- CodeForces **[Rating: 1637]**
- LightOJ **[Solved: 140+]**
- UVA **[Solved: 130+]**

Education

- **B.Sc. Computer Science,** American International University Bangladesh **(CGPA: 3.9/4.0)**   **2014 – 2018**

Volunteer Experience

- **Competitive Programming Trainer,** American International University Bangladesh   **2016 – 2018**
- **Programming Contest Problem Setter,** spoj.com/users/siamcr7 & toph.co   **2016 – 2018**