Tahmid Rahman
English - Fluent
Bengali - Native

Personal Information
Date of birth: 1994-08-18
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Career Summary
- Contributing to an open source project.
- Have experience working on Civil Registration Vital Statistics (CRVS) systems, asset tracking apps and service provider apps.
- Worked in a team that follows AGILE methodology
- Have experience to work in collaboration and communication with offshore developers
- Enjoy learning new technologies

Skills and Tools
Languages: Javascript, Typescript, GraphQL, Java, C, C++, HTML5, CSS3, SASS, SCSS, JSS
Frameworks and Tools: React, Next.js, Redux, Vite, Vitest, Webpack, Vue, Vuex, Nuxtjs, NestJS, Elasticsearch, MobX, React Native, Android Native
Testing: JEST, Enzyme, Cypress, JUnit
DB: MongoDB, InfluxDB, MySQL, SQLite
Dev Tools: VS Code, Atom, Android Studio, Xcode, Eclipse, Netbeans
Middleware: Docker, Hapi/Express, Redis
Deployment and CI/CD Tools: Circle CI, Travis CI, Docker Swarm

Professional Experience

Aug 2018 - present   Dynamic Solution Innovators Limited (DSi)
Software Developer

Duration	Project and Tasks	Technology and Tools	Role and Project Size
Nov 2021 - Present	[Project] OpenCRVS - Open source Civil Registration and Vital Statistics system that can register vital events (i.e. birth, death, marriage, adoption etc.) [Client] Individual of any country [Tasks] • Tech design, develop frontend components • Develop backend apis, queries • Architect and lead part of the team developing a feature	ReactJS, Redux, Node, GraphQL, Hearth (MongoDB but accepts documents only with FHIR standard), OpenHIM,HapiJS, Redis, Elasticsearch InfluxDB, Docker Swarm, JIRA, Github, PWA, Storybook	Software Engineer. Team of 12 developers (from Bangladesh, Nigeria) and 3 tech leads (from Bangladesh, UK, Finland) and 4 Software QA engineers

Duration	Project and Tasks	Technology and Tools	Role and Project Size
January 2021 - Nov 2021	[Project] LAMT Suite refactor - Loan Account Management Tool (LAMT) system refactor [Client] Altech Congo [Tasks] ● Refactor frontend (from existing nuxt.js to develop next.js from scratch) ● Mentor fellow junior devs ● Refactor backend core ● Integrate accounting software ● Documentation	Next.js, Storybook component library, GraphQL, NestJS, MongoDB, Redis, Xero Accounting Software	Associate Software Engineer. Team of 7 Developers, including team lead, 2 developers from Bangladesh, 1 tech lead from UK, 3 developers from DRC
September 2018 - December 2020	[Project] OpenCRVS - Open source Civil Registration and Vital Statistics system that can register vital events (i.e. birth, death, marriage, adoption etc.) [Client] Individual of any country [Tasks] ● Building react components with unit tests and documentation ● Add/update redux store ● Create REST APIs having mongo, elasticsearch, influxDB queries ● Write integration automation scripts with cypress	ReactJS, Redux, Node, GraphQL, Hearth (MongoDB but accepts documents only with FHIR standard), OpenHIM, HapiJS, Redis, Elasticsearch InfluxDB, Docker Swarm, JIRA, PWA, Github, Styleguidist	Asst. Software Engineer. Team of 11 developers and 4 tech leads (from Bangladesh, UK, South Africa, Finland)

Aug 2019 - Nov 2019   CloudCampus24.com

<u>**Software Developer**</u>

Duration	Project and Tasks	Technology and Tools	Role and Project Size
August 2019 - November 2019	[Project] CloudCampus24 - Single platform for institute (school or college), guardians and students of managing class, homeworks, events and other activities. Available in google play store. [Client] Educational institutes, guardians, students [Tasks] ● Create atomic and compound components of the application ● Propose UI/UX improvements ● Integrating and proposing design of the REST APIs ● Deployment	React Native, Android Dev tools: VS Code, Android Studio (occasionally)	Part time Software Engineer. Team of 6 people: 1 tech lead, 3 backend developers, 1 android engineer (myself), 1 qa engineer.

Aug 2017 - Aug 2018   Harriken.com Limited

Software Developer (iOS)

Duration	Project and Tasks	Technology and Tools	Role and Project Size
August 2017 - August 2018	[Project] Harriken.com Limited offered restaurant finder and reviewer iOS App Harriken. [Client] People finding and reviewing restaurants. [Tasks] ● Development from scratch ● Feature integration ● Bug fix ● Assess user reviews to extract new features ● Deploy app to app store	React Native, Metro Bundler, CocoaPods, Yarn. Dev Tools: Atom, Xcode Version control host: Gitlab	Software developer. Team of 7 developers and 1 tech lead

Aug 2016 - Aug 2017   Chalo.com Limited

Software Developer (Android)

Duration	Project and Tasks	Technology and Tools	Role and Project Size
August 2016 - August 2017	[Project] Chalo.com limited is a startup offering ride-sharing app Chalo. End users could book or call rides. [Client] People who want quicker alternatives for public transport. [Tasks] ● Feature integration ● Bug fix ● Deploy app to play store	Android Dev Tools: Android Studio, Gradle Version control host: Bitbucket	Jr. Software developer. Team of 6 developers and 1 tech lead

Apr 2016 - July 2016   Orange Toolz

Trainee Software Engineer (Android)

Duration	Project and Tasks	Technology and Tools	Role and Project Size
April 2016 - July 2016	[Project] Had experience to work on few apps and two were published to play store [Client] Any individual	Android Dev Tools: Android	Trainee Software developer (Android). Team of 2

	[Tasks] ● Development of the applications ● Deployment to the play store	Studio, Gradle	developers and 1 tech lead

Projects during graduation

Duration	Project and Tasks	Technology and Tools	Role and Project Size
July 2014 - November 2014	[Project] Kushol.com a social networking software. Where user can chat [Client] Any social individual [Tasks] ● ER Diagram ● Frontend design ● Backend contribution	PHP, HTML5, CSS3, MySQL Dev Tools: Android Studio, Gradle, XAMPP	Full stack contribution; Team of 2 people
February 2014 - July 2014	[Project] Insurance policy management software [Client] User having one or more insurance policy [Tasks] ● Database design and development ● ER diagram ● GUI development	Java SE, MySQL Dev Tools: Netbeans, WAMP	Full stack contribution; Team of 2 people

Online Course

Building Modern Node.js Applications on AWS
Coursera - Dec 28, 2020
Certificate: https://www.coursera.org/account/accomplishments/certificate/8SH6TKS5FL4B

Thesis Paper

Title: Relationship Based Access Control (ReBac)
Supervisor: Prof. Dr. Muhammad Mashroor Ali (CSE, BUET)
Description: In social networking applications, the relations between users are controlled in such an algorithmic system called Ontology. It is an abstract model. Our goal was to develop an ontology which can implement Content Type. We used Protege OWL 5.0 beta as Software and SWRL syntax were used.

Education

2015   Military Institute of Science & Technology (MIST), Bangladesh
        B.Sc. in Computer Science & Engineering