

Akib Shahjahan

Software Developer

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SKILLS

Languages: JavaScript, Swift, NodeJS, Java, C++, C, Racket, Go

Concepts/Tools: Agile, OOP, REST API, MVC, Git

Others: ExpressJS, AWS, Mongo, Heroku, HTML, CSS

EXPERIENCES

Qlik, Software Engineer

May 2016 to August 2016

- Used mainly the MEAN stack to work on various projects of Qlik, working in an Agile process
- Added a dynamic modal to Qlik App that interacts with Qlik's schedule reload API, using AngularJS
- Used ELK, AWS and GA as datasources to create a NodeJS proxy server, eventually dockerized
- Worked with GoLang to analyze Elasticsearch data and determine deployment status and statistics

Troventi, Software Developer

March 2016 to Present

- Worked on the core iOS development team to build the Troventi app from scratch to production
- Focussed on frontend logic, including authentication, the GPS system and the messaging system
- Created an API client and integrated all the calls to update the UI accordingly
- Designed more than 20 screens as well as integrated phone number verification system

PROJECTS

Bastobe, Mobile Application

- Created an MVC iOS and Android app with a live location-based media-feed and social features
- Designed a responsive frontend UI using Swift, and stored the media data in AWS S3
- Used NodeJS to create a REST API, using a Mongo NoSQL database, and deployed to Heroku

Senndat, Web Application

- A platform for note taking and sharing, indexed based on courses, with a sophisticated editor
- Wrote a querying algorithm based on course code, titles and rankings of notes
- Used AngularJS frontend, with PassportJS session-based authentication, deployed to AWS EC2

US History, Android Application

- Used Java and XML to create this educational app, collaborating with a partner who worked on iOS
- Self-compiled the educational content and populated in various tableview screens with navigations

PicPinMap, iOS Application

- Created an app that allow users to pin images on a global map to create a live world view
- Integrated Facebook authentication and the Google Maps API and worked with Parse database

EDUCATION

University of Waterloo

Honours Bachelor of Computer Science, Class of 2020