MAULIK BHATT

190 Ryland ST, San Jose | Maulik.Bhatt@sjsu.edu | 669-210-4683 | github.com/bhattmaulik1991 | linkedin.com/in/maulik-bhatt/

Highly-motivated Software Engineer with 4 years of professional experience in full stack development mainly in Javascript-Java.

EDUCATION

MS, Software Computer Engineering, San Jose State University – 3.9/4.0   Expected May 2019
BTech, Electronics & Communication, NIRMA University, India – 7.81/10.0   June 2013

TECHNICAL SKILLS

Programming: JavaScript, Java, J2EE, C++
Web Technologies: HTML5, CSS3, REST, microservices
Libraries: ReactJS-Redux, NodeJS, ExpressJS, Kafka, jQuery, Bootstrap
Frameworks: Spring, Adobe Experience Manager

Databases: MySQL, MongoDB, Oracle, Redis
Cloud Services: AWS, Azure, Docker, IBM Bluemix
Version Control: Git, SVN, perforce, Rally, Jira
Tools: JMeter, Junit, NPM, Mevan

WORK EXPERIENCE

Software Developer, Amdocs - Pune, India   April 2015 - July 2017
- Using React-Redux, Java and spring, built standalone business widgets/plugins/components with associated microservices which are used in different products like CRM, Ordering and Self-Service portal.
- Developed AEM (Adobe Experience Manager) compatible web pages using standalone widgets (developed in BackboneJS, KnockoutJS) which helps business user to build, manage and deploy commercial website.
- Developed and tested REST APIs which are consumed by Amdocs Retail Interaction Manager using Java, JAX-RS and Rest-assured.

Programmer Analyst, Cognizant Technology Solutions - Pune, India   Sept 2013 - April 2015
- Developed responsive web portal and hybrid mobile/tablet application using HTML5, CSS3, android native, JQuery mobile, highchartsJS for Discover card student loan service. – discover.com/student-loans.

PROJECTS

Dropbox *(ReactJS, Redux, Spring, MongoDB, Bootstrap, JUnit, JMeter)*
- Developed a Dropbox clone on a distributed system where frontend and backend systems are deployed on separate AWS instances. The application is tested successfully for more than 1000 big size file uploads simultaneously.

Denial-of-service Attack Bots *(socket programming in java)*
- Built Master and Slave Bots capable of generating distributed denial of service attacks on command from master Bot.

Kayak *(MongoDB, ExpressJS, ReactJS-Redux, NodeJS, Kafka, REST, MySQL, Bootstrap, PassportJS, Mocha, JMeter)*
- Developed an online flight, hotel and car service aggregator like Kayak clone on a distributed system where components communicated and coordinated their actions by passing messaging queues. The application is tested successfully for more than 10,000 concurrent bookings.

GE Digital CSU Challenge *(in progress)*
- The aim of this project is to work with live streaming data coming from GE's IoT installation in San Diego and perform analytics using in that will help to save energy.

Adaptive Image Restoration Algorithm *(C++)*
- The goal of this project is to detect the type of blur and apply appropriate filtering technique to estimate parameters of blur PSF. Using estimated PSF, we recover images by Wiener, inverse, Lucy-Rechardson, regularized filters.

ACHIEVEMENTS

OrganChain – Silicon Valley Innovation Challenge(SVIC) finalist - *(BlockChain, ExpressJS, REST API)*
- Developed cloud ready web app and APIs of permissioned block chain to facilitate organ procurement and transplant network using Hayperledger fabric, React-Redux and MongoDB.

Virtual Customer Representative – Amdocs Innovation challenge runners up *(NodeJS, wit.ai)*
- Build generic chat platform which can be integrated with Facebook, Gtalk etc. to Amdocs' existing legacy backend system and perform entity extraction and sentiment analysis.