Mohak Tamhane

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Summary

Full Stack Application Developer with extensive experience writing clean and efficient code. Master's in Computer Science and dedication to continuous learning. Ability to transform user requirements to design and architect solutions developing highly scalable production level applications. Strong communication and leadership skills and attention to detail make me a strong asset to any software development engineering and front-end engineering team.

Skills

- **Front End:** HTML5, CSS3, JavaScript, ES6, jQuery, Handlebars, React, Redux, React-Hooks, Vue.js
- **Back End:** Node.js, Express.js, Java, Python
- **Database:** Oracle, MySQL, MongoDB, AWS DynamoDB, Firebase
- **Deployment:** AWS, Heroku, Git, SVN

Experience

Software Development Engineer (Jul 2018 – Present)
Tata Consultancy Services Edison, NJ

Project: AIG General Insurance - Evergreen workflow automated notification and scanning
- Developed an automation tool for the app hardening team to send automatic notification to application and portfolio owner, and run automated app scan and dynamic scan using Spring Boot.
- Implemented data access objects using Spring Data and mapped objects using document, id and field annotations.
- Built dashboard and forms for tacking applications and perform data entry in React JS.
- Created generic components in React.JS, used Redux for state management across the application and Redux-Thunk as middleware to connect redux actions and reducers.
- Made API calls in React.JS application using Axios and implemented APIs in Node.js using Express framework.
- Secured application from critical flaws that would allow SQL injections and Cross Site Scripting.
  Technologies: Java, Spring Boot, Spring Data, Node.js, React, MongoDB, Veracode APIs, REST APIs, Git

Project: **CVS Health** - Opioid Dosing Module, Refill at Pickup Woonsocket, RI
- Worked on development of multiple releases of Rx-Connect which is a large-scale software, with practical capabilities and features designed to streamline pharmacy operations, reduce risks and ensure patient safety.
- Participated in daily scrum meetings and tech discussions to solve problems and provide solutions to stakeholders.
- Optimized prescription refill, implemented RESTful services to get data for refill of prescription from POS.
- Analyzed requirements and implemented code to transfer refill-prescriptions from one pharmacy to another.
- Implemented module to help pharmacist decide whether to dispense opioids without putting the patient at risk.
- Wrote new methods in data abstraction layer and service layer for performing transactions from OLTP database.
- Deployed and tested applications in dev and test environment using QuickBuild.
  Technologies: Java 8 J2EE, Swing, Spring Framework, RESTful Webservices, Oracle SQL, WebLogic, SVN

Junior Software Associate (Jan 2017 - June 2017)
Synechron New York, NY
- Maintained internal HRMS (Human Resources Management System) applications for claims and expenses. Wrote clean and efficient code as per the requirements.
- Developed an application to perform various online transactions using Object Oriented Programming in Java and extensively used Collections for storing and processing objects.
- Followed code coverage and software metrics to ensure delivering a good software.

Projects

Gadget Valley | github.com/mohak92/GadgetValley-MERN | gadget-valley.herokuapp.com
- Technology is continuously evolving gadget valley is an online marketplace to rent the latest tech and try out new products. For example, renting a workstation to finish a project or trying new smartphones every 3 months.
- Led a team 4 developers, implemented API routes in Node.js, components in React and deployed to Heroku.
- Mongo, Express.js, React, and Node.js

Google Books | github.com/mohak92/google-books-mern | boiling-everglades-93367.herokuapp.com
- Find the books you would like to read using google and save them to a database as a list to read them.
- Implemented entire application, performed CRUD operations, called Google API for search results.
- Mongo, Express.js, React and Node.js

Food Finder | github.com/mohak92/FoodFinder | mohak92.github.io/FoodFinder
- A web application to find food near you and recommend food based on weather using Zomato data for restaurant info and Open Weather API for weather data.
- Worked in a team of 5 responsible for dynamically creating info cards and calling the Zomato API for results.
- HTML5, CSS3, JavaScript, jQuery, Ajax

NYT Web Scraper | github.com/mohak92/news-web-scraper | shrouded-forest-52247.herokuapp.com
- Scrape new articles from a website and store in MongoDB, saves article in a separate list to read later, and add notes to news articles.
- Developed entire application implemented server-side logic to scrape and store data into Mongo database.
- Mongo, Express.js, Node.js, Handlebars, CSS3

Education

Full Stack Web Development Bootcamp, Rutgers University, Somerset NJ
24-week boot camp dedicated to designing and building applications using Mongo, Express.js, React and Node.js

Full Stack Java Development, Agile and Scrum Bootcamp, Platform by Per Scholas
12-week boot camp building Java apps, topics covered Java, Spring framework, Design patterns, Agile and Scrum

M.S in Computer Science, New York Institute of Technology, New York NY
Courses- Analysis of Algorithm, Artificial Intelligence, Operating Systems, Database Design

B.S in Computer Engineering, Rutgers University, New Brunswick NJ
Courses- Data Structures and Algorithm, Object Oriented Programming, Software Engineering, Database Design

Certifications

- iOS App Development with Swift Specialization – University of Toronto on Coursera
- AWS Certified Developer Associate – Amazon Web Services
- Certified Blockchain Expert V2 – Blockchain Council