Mohak Tamhane

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GitHub: github.com/mohak92 | LinkedIn: linkedin.com/in/mohakt | Portfolio: mohaktamhane.com

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Skills

Languages: Java, JavaScript, Python, Swift, HTML5, CSS3
Libraries and Frameworks: Node.js, Express.js, Spring, React, Redux, Angular, jQuery, AJAX, Bootstrap
Database: Oracle SQL, MySQL, NoSQL, MongoDB, AWS DynamoDB, Firebase
Cloud Technologies: AWS, Heroku

Education

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

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

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Experience

Software Development Engineer   **July 2018 - Present**
Tata Consultancy Services   **Malvern**, **PA**

Project: Vanguard - **Completion Portfolio Eligibility (CPE), Glide Path**
- Developed a web-service using Spring Boot to determine if portfolio is eligible for rebalance and deployed to production.
- Wrote backend code in Java with Spring Boot to build REST APIs. Performed integration and end to end testing.
- Visualized client's portfolio using Angular and used RxJS to compose asynchronous or callback based code.
Technologies: Java, Spring Boot, Angular, REST API, AWS DynamoDB, S3, SNS, SQS, Git, Splunk, Jira, Scrum

Project: AIG General Insurance - **Automation of Evergreen Team Workflow**   **Edison**, **NJ**
- Developed an automation tool to automate app hardening evergreen workflow to support 300+ internal applications.
- Created components and forms in React, built REST APIs using Node.js and Express framework, scheduled cron jobs.
Technologies: JavaScript, React, Node.js, MongoDB, Axios, Jest, Git, Travis CI

Project: CVS Health - Opioid Dosing Module, Refill at Pickup   **Woonsocket, RI**
- Developed Rx-Connect a large-scale prescription dispensing application, running in 9000+ stores processing 23 - 90 prescriptions per second around 2 million per day.
- Implemented opioid dosing module to safely dispense to patients, which resulted a decline in the rate of prescribing opioids.
- Built functionality to transfer prescription from store to another store and RESTful services with JAX-RS.
Technologies: Java, J2EE, Swing, Spring Framework, RESTful Web Services, Oracle SQL, WebLogic, SVN, Agile

Junior Software Associate   **January 2017**
Synechron   **New York, NY**
- Developed internal HRMS application, processed objects using Java collection frameworks. Created responsive webpages in JSP with HTML, CSS and JavaScript to run on all screen sizes for ease off filing claims and expenses via mobile devices.

Projects

1. Gadget Valley | GitHub: github.com/mohak92/GadgetValley-MERN | Deployed: gadget-valley.herokuapp.com
An online market place to rent latest tech. Built using Node.js, Express, React, Redux, MongoDB
2. Byte Coin | GitHub: github.com/mohak92/ByteCoin
An iOS application to get Bitcoin exchange rate in popular currencies. Built using Swift, Xcode, CoinAPI
3. Food Finder | GitHub: github.com/mohak92/FoodFinder | Deployed: mohak92.github.io/FoodFinder
A food finder and recommender web app. Built with JavaScript, jQuery, AJAX, HTML5, CSS3, Zomato API, Open Weather API
4. Web Crawler | GitHub: github.com/mohak92/WebCrawler
Traverse the world wide web using breadth-first search algorithm. Built with Java
5. Web Scraper | GitHub: github.com/mohak92/news-web-scraper | Deployed: shrouded-forest-52247.herokuapp.com
A web scraper to scrape and save articles to database. Built using Node.js, Express, MongoDB, Handlebars, CSS3

Certification

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