NEHAL BHANUSHALI

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EDUCATION

Master of Science in Information Systems, *Northeastern University, Boston, MA*   *Sept 15 - Dec 17*
Relevant Coursework – Web Development, Algorithms, Big Data, Multithreading.

Bachelor of Engineering in Information Technology, *Mumbai University, India*   Sept 09 - May 13
Relevant Coursework – Computer Programming, Object Oriented Design, Database, Data Structures

TECHNICAL SKILLS

Web & Mobile Tech: React, Ember, Redux, JavaScript ES6, HTML5, SCSS, jQuery, Selenium webdriver, PhoneGap
Back-End Tech: Java, Python, Shell Script, Node.js, SpringBoot, RabbitMQ
Databases: MongoDB, MySQL, MS SQL Server
Virtualization & Cloud: Docker, AWS (EC2/EMR), Azure

EXPERIENCE

Software Developer II, RSA Security, *Reston, VA*   *Feb 18 – Present*
Real-time network forensics and automated threat analysis solutions

- Designed and implemented web micro-services in Java SpringBoot/RabbitMQ/Mongo that powers UI for suspicious data forensics by analysts
- As a part of the NetWitness product engineering team, I took dozens of features through an Agile process from requirements to release. Leveraged Ember, Redux, seamless-immutable, SCSS, Handlebars, ES6, ESLint, WebSockets
- Introduced and implemented re-usable contextual Ember components to manage CRUD operations for various lists to ease and speed up development while ensuring consistency & scalability
- Implemented mock servers in node.js/Express for UI development & testing in addition to using dockerized services
- Maintained code coverage with unit, acceptance and integration tests using Mocha, QUnit and Testem
- Contributed towards writing end-to-end tests using webdriver.io framework, selenium, node.js, ES6 and Chai as the assertion library
- Learned & leveraged the latest EcmaScript features available via Babel for both e2e testing & ember application work

Web Developer Intern, Text-Em-All*, Frisco, TX*   *May 16 – Aug 16*
On-demand automated voice broadcasting and bulk text messaging services

- Worked on features & bug fixes in the open source framework, Material-UI (Google's Material Design using React)
- Resolved issues related to the usage of Material-UI components on GitHub and Gitter
- Re-structured the existing texting website for seamless transition into Material-UI to achieve better scalability

Software Engineer- Full Stack, Tata Consultancy Services Ltd. (TCS), *Mumbai, India*   Sept *13 – July 15*
Information technology (IT) service, consulting and business solutions

- Developed platform independent mobile apps using PhoneGap & REST API for enhanced on-field customer service and provided peer group training for the same
- Created custom CSS and JavaScript validation components for use across corporate client and internal websites

Awards: "TCS Gems - On the Spot", for rich UX mobile & web and for achieving 98.9 % Client Satisfaction Index

ACADEMIC PROJECTS, *Northeastern University, Boston, MA*   Aug *15 – Dec 17*

- Programmed and designed a single player game in Unity 3D with Rigidbody and collision detection
- Built a web scraper with python and increased the accuracy in anomaly detection by simplifying data with MapReduce for bitcoin price prediction
- Developed a social networking website in Spring REST API & a single page web application with notifications, groups, messaging & infinite scrolling
- Created a Java Swing Application for weather monitor and alert system fueled by programmatically simulated data with a networking platform for farmers