JHALAA CHINOY TEJASVI

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EDUCATION

Northeastern University, San Jose, CA — Sept 2017 - May 2019
Master of Science in Computer Science

Visveshwariya Technological University, Bangalore, India — Sept 2011 - Jul 2015
Bachelor of Engineering in Computer Science

TECHNICAL KNOWLEDGE

Languages: C, C#, Java, JavaScript, Ruby, Racket, GAS **Web Frameworks**: React, Angular, ASP.NET **Version Control:** Git
Testing: Enzyme, Jest, JUnit, NUnit, Mocha, Selenium **Deployment Servers:** Heroku, AWS **Pipelines:** Go-CD, Teamcity, Jenkins

WORK EXPERIENCE

Riivos, San Francisco, CA — May 2018 – Dec 2018
Software Developer Coop
- Developed an ETL system to read data from different external data sources and display on the front end.
- Built new UI features using AngularJS, C3.js, Bootstrap, HTML5 and CSS3 and Kendo UI.
- Built micro services using Websockets, Node.js, RxJs, ETCD, Cassandra, Elastic Search and AWS.
- Core member of the development team, instrumental in executing out various tasks of the product development cycle including story creation, application development, bugs triage and resolution, conducting demos to external stakeholders.
- Advocated and implemented the use of eslint and prettier for consistent styling and formatting across the codebase.

Northeastern University, San Jose, CA
Teaching Assistant, Web Development — Jan 2018 – May 2018
- Aid in course content development. Coursework covers the MEAN stack, OAuth and Heroku.
- Responsibilities include grading students, troubleshooting issues, resolving queries and conducting weekly code walks.

Teaching Assistant, Computer Systems — Jan 2019 – May 2019
- Supervised and graded practical work, advised students on lab sessions, assignments and projects. Automated the grading process.

ThoughtWorks, Bangalore, India — Aug 2015 – Aug 2017
Software Developer
- Developed a responsive mobile web application using React.js and C# APIs for '**Trainline**' - an online seller of train tickets in the UK. Implemented using the following technologies - Rake, NPM, Webpack, Omniture, DTM, New Relic, Chef, TeamCity and AWS. The enhanced application enhanced usability, reduced friction for the end user thereby increasing sales by 30 percent.
- Streamlined and automated internal procurement process. Tech stack included GAS, HTML5, CSS, JavaScript and JQuery.
- Designed and pitched a Facebook chatbot for ordering train tickets using Wit.ai and Facebook messenger APIs.
- Advocated and trained internal and external stakeholders on the use of continuous delivery, agile and test-driven development.

Schneider Electric, Bangalore, India — Jan 2014 – Feb 2014
Project Intern
- Automated the collection of onsite data from the CCTV cameras. Presented proof of concept and trained internal technology teams.

ACADEMIC PROJECTS

Program Flow Visualizer
- Developed a full stack web application for users to interactively type and run assembly language program. Analyzed the contents of registers and the call stack, supported thread and process switching.
- Utilized Node.js, Express, MongoDB and Heroku. Frontend features developed using Bootstrap, HTML5 and CSS3.

Analysis of Steganographic techniques
- Analyzed information hiding techniques using five different steganographic algorithms - Least Significant Bit (LSB), Genetic, Distortion, Discrete Cosine Transform (DCT) and Randomization algorithm.
- Compared these techniques based on the embedding capacity of text inside image, Peak Signal Noise ratio, Mean Square Error and their respective histograms. Evaluated their efficiency, scalability and embedding capacity.

EXTRACURRICULARS
- Member of Rails Girls, Bangalore Chapter. Helped organize Rails girls' events with over 100 attendees.
- Organized sessions and trained teams on concepts such as XSS, SQL Injection, CSRF and vulnerable components.