**Karthik Chilukamarri** *(408)-917-8410*[*karthik.chilukamarri@gmail.com*](mailto:karthik.chilukamarri@gmail.com)

Software Engineering Graduate actively seeking a full-time opportunity.

* Worked on various academic projects related to JavaScript, Node.js, Express.js, Angular.js & React.js.
* Passionate about learning new languages (programming and spoken) and technologies.

**EDUCATION**

**MS in Software Engineering** | *San Jose State University, CA* December ‘15

**B. Tech. in Computer Science** | *Jawaharlal Nehru Technological University, Hyderabad, India* May ‘13

**RELEVANT COURSEWORK:** Data Structures & Algorithms, User-Interface Development, User-Experience, Database Management Systems, Object Oriented Programming, Software Quality Assurance, Software Systems Engineering, Software Testing Methodologies, Design Patterns, Web Technologies & Services, Agile Development Methodology.

**KEY SKILLS**

**PROGRAMMING:** JavaScript, HTML5, CSS, MongoDB, Java, MySQL.

**Tools/IDEs:** WebStorm, Eclipse, JMeter, Tableau, Robomongo, Postman, Firebug, Selenium, Bugzilla.

**Modules/Frameworks:** Node.js, Angular.js, Express.js, grunt, mocha, jasmine, jQuery.

**LANGUAGE SKILLS**

**Native or Bilingual Proficiency |** English, Hindi, Telugu

**Professional working Proficiency** **|** Spanish

**Limited Working Proficiency** **|** German, Portuguese, Turkish, Korean, Sanskrit

**Elementary Proficiency** **|** French, Italian, Russian, Tamil, Arabic, Persian

**WORK EXPERIENCE**

**Quality Assurance Intern |** BayAmp Technologies, Santa Clara Feb’16 – Aug’16

* Developing and Executing manual and Automated Test Cases.
* Participate in Design and code reviews to enhance the automation framework.
* File high-quality bug-reports and follow-up to bring to successful closure.
* Analyze test-results with timely reporting of quality metrics.

**Junior Software Engineer |** Adaptavant Technologies, India June’12 - Nov’13

* Created and developed user interaction screens using HTML 5, CSS3, Bootstrap, JavaScript, JQuery and Angular.js.
* Worked on client-side validation using JavaScript and jQuery.
* Performed Testing/De-bugging on browser using tools like fire-bug.
* Applied jQuery scripts for basic animation and end user screen customization purposes.

**PROJECTS**

**Online-Banking System | JavaScript, Angular.js, Node.js, Express.js, MongoDB** *Spring’16*

* A Web Application for Online Banking based on MEAN Stack and other node modules.
* Wrote micro-services for various banking operations like create account, display account balance, money transfer, deposit, withdrawal, delete account, add recipient and other services.
* Used build-tools like Grunt and for unit-testing, Karma & Jasmine on the Front-end and Mocha on the back-end.

**Location Based Mobile Application Testing | Selenium, Bugzilla |** SJSU *Fall’14*

* A Testing Project for a location based application called TripAdvisor.
* Performed test planning, test design, manual testing and automation testing.
* Implemented Geo-Object mobile test model based on active and passive objects.

**A Usability Evaluation of Pinterest Website | JustInMind |** SJSU *Spring’15*

* Evaluated the existing Pinterest application via User Personas, Comparative Studies, User Experience Goals, User Profiling, Usability Criteria and Metrics.
* Developed a Prototype with improvements based on the data that we had gathered during the evaluation process.