

Hari Kiran Yalavarthi

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Summary

Passionate Software Engineer with more than 2 years of experience developing websites, applications, and QA tools in an agile environment using JavaScript ES6+, React, Redux, Angular 1.x, Node.js, Express.js, PostgreSQL, MongoDB.

Work Experience

Software Engineer, Tricentis - Atlanta, GA

Feb 2018 to present

- Build custom utilities/tools for qTest products and customers using ES6+, React, D3, Node.js, Express, PostgreSQL, qTest API's, Webpack.
- Developed features for qTest Scenario - JIRA add-on for BDD and built a command-line tool to migrate data from qTest Scenario v1 to v2 using ES6, Pug.js, Node.js, Express, REST API's, PostgreSQL, and MongoDB.
- Support an internal migration tool which helps to migrate customers test artifacts from HP QC/ALM to qTest.
- Created an automation workflow for testing, which integrates continuous integration tool Jenkins with GitHub, Slack, qTest Manager & Pulse through the use of Webhooks and JavaScript ES6.

Software Engineer Intern, KMS Technology, Inc - Atlanta, GA

Jun 2017 to Jan 2018

- Developed front-end modules of a mobile device cloud - Kobiton that helps to perform manual and automation testing on real devices using HTML5, CSS3, JavaScript ES6, JSX, React, Redux, Reactstrap, REST API's, and Webpack.
- Wrote automation scripts using Appium, Kobiton, Node.js to test native, hybrid and mobile-web applications.
- Assisted in data migration testing to validate successful migration from HP QC/ALM to qTest Manager.

Graduate Research Assistant, Georgia State University - Atlanta, GA

Aug 2016 to May 2017

- Worked on a Data Visualization project with Professor Dr. Ying Zhu, funded by Creative Media Industries Institute.
- The focus was on building SPA's for Cricket game statistics using D3.js, ES6, Bootstrap, AngularJS.
- Performed web scraping on ESPNcricinfo website using jQuery, Cheerio, Node.js to extract Cricket data.
- Worked as a lab instructor and grader for Java and Web development courses.

Software Developer Intern, Navtech - Hyderabad, India

Jan 2016 to Jun 2016

- Developed responsive web pages and single page applications for a restaurant client in a team of three developers using HTML, CSS, Bootstrap, JavaScript ES5, and AngularJS.
- Designed and Developed RESTful API's using Node.js, Express.js, Mongoose, and MongoDB.
- Created secure communication between client and server by using certificate, private key, and HTTPS protocol.
- Integrated basic, cookies, sessions, token-based, OAuth (Facebook) authentications into the application with the help of Passport, JWT, and Express.

Education

Georgia State University - Atlanta, GA

Aug 2016 to Dec 2017

Master of Science in Computer Science

Osmania University - Hyderabad, India

Oct 2012 to June 2016

Bachelor of Engineering in Computer Science

Skills

Programming Languages: C, C++, Java, Python.

JavaScript Stack: ES6+, React.js, Redux, Angular 1.x, JSX, Node.js, Express.js, Pug.js, D3, Loopback.

Web: HTML5, CSS3, Bootstrap4, jQuery, Ajax, PHP, SCSS, Gulp, Webpack, NPM, Yarn.

Databases: PostgreSQL, MongoDB, MySQL.

Testing/QA: Appium, Cucumber, Jasmine, Protractor, Postman, JMeter, Flood IO, Kobiton, qTest.

Other: Git, JIRA, GitHub, Bitbucket, GitLab, Confluence, Jenkins, Docker, Wireshark.