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# SARATH KUMAR NAGARAJ

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## Summary

Seasoned full-stack developer with hands-on experience in designing, developing and maintaining software/web applications. Built highly scalable applications using different tech stacks. Adept at understanding business and technical requirements and delivering innovative solutions accordingly. Equally proficient with maintaining code by undertaking bug fixes and conducting end-to-end testing. Versatile team player and leader with a passion for mentoring and coaching. Simplified and explained complex concepts to technical and non-technical stakeholders.

## Technical Skills

<b>Web Programming</b>	HTML5 – CSS3 (LESS) – JavaScript
<b>Libraries and Frameworks</b>	AngularJS – React JS – RxJS – Redux – jQuery – Lodash – Jasmine – Jest
<b>Development Tools</b>	Git – SourceTree – Bitbucket – Jira – IntelliJ – VS Code – Splunk
<b>Build Tools</b>	Ant – Grunt – Karma – RequireJS – Webpack
<b>Design Tools</b>	Sketch – Balsamiq – Prott – Axure
<b>Other Programming</b>	COBOL – JCL – Endeavor – SPUFI – Abendaid – DB2

## Other Skills

Software/Web Development – Issue Assessment/Troubleshooting – Bug Fixes/Patching – Process Improvement – Software Development Lifecycle Management – User Support – Technical Documentation – Deployment, Testing and Integration – Software Architecture Design – Test Automation – Data Structures – Compilation – Agile Methodologies

## Relevant Professional Experience

<b>Mindex Technologies</b>   Software Engineer (Client: Paychex Inc.)	<b>Apr 2016 – Present</b>
<ul style="list-style-type: none"><li>Developed user interface applications using HTML5, CSS3 and AngularJS, connecting data/APIs to a clean UI design on Flex – a SaaS client-facing HR/payroll web application – to effectively service 670k clients nationwide</li><li>Refactored unit tests using Jasmine (a JavaScript test framework) and reduced the run-time of a Release Candidate build job verify tests section by 40%</li><li>Originated new features for product development, guiding them through all phases of the software development lifecycle from concept to implementation, testing and maintenance to evolve design and functionality</li><li>Spearheaded front-end teams in the design of the system architecture and core functionality of software products; managed and mentored junior developers to coach them in best practices</li><li><b>Highlights:</b> Proactively identified and reduced bugs by 30% through rigorous quality assurance processes; triaged logs through Splunk and coordinated QA engineers to resolve them in the pre-production environment</li></ul>	
<b>Tata Consultancy Services Ltd.</b>   Systems Engineer	<b>Sep 2011 – Dec 2013</b>
<ul style="list-style-type: none"><li>Operated in a fast-paced, Agile environment, taking ownership of end-to-end software delivery from analysis, planning and design to development, code, testing, debugging, documentation and push to production</li><li>Created and maintained life/annuity insurance mainframe applications using COBOL, JCL, Endeavor, Abendaid, SPUFI and QMF, managing full SDLCs including development of features, integrations, node modules, and unit tests</li><li>Resolved batch job failures by identifying, troubleshooting and resolving production bugs and issues with software programming code to optimize back-end and front-end performance</li><li><b>Highlights:</b> Collaborated with support analysis and identified recurring batch job failures; resolved the failures by fixing job dependencies resulting in 20% less resource utilization</li></ul>	

## Education

**Master of Science (Computer Science)** | Wright State University  
**Bachelor of Science (Information Technology)** | Anna University

## Publication

**Nagaraj, S.K.**, and Bryant, A. “Barriers to Extending Malware Detection Research.” at the 11<sup>th</sup> Conference on Cyber Warfare and Security, 2016