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## AKASH KURVA SHEKARAPPA

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### EDUCATION

<b>Houston, TX</b>	<b>University of Houston-Clear Lake</b>	<b>May 2019</b>
<ul style="list-style-type: none"><li>Master of Science in Computer Science <b>GPA: 3.58</b></li></ul>		
<b>Karnataka, India</b>	<b>Visvesvaraya Technological University</b>	<b>May 2015</b>
<ul style="list-style-type: none"><li>Bachelor of Engineering in Computer Science <b>GPA: 3.76</b></li></ul>		

### EMPLOYMENT

<b>Software Engineer</b>	<b>Infosys, Austin, USA</b>	<b>Apr 2020– Present</b>
<ul style="list-style-type: none"><li>Worked with customers on critical issues and solicited feedback on the existing products through <b>Agile</b> methodology</li><li>Part of APS finance team working on Oracle, Unix, Java.</li></ul>		

<b>Full Stack Developer</b>	<b>Perficient Inc., Dearborn, USA</b>	<b>Oct 2019- March 2020</b>
<ul style="list-style-type: none"><li>Agile web application development primarily with a <b>ReactJS</b> front end sitting atop a <b>RESTful Java</b> service architecture.</li><li>Implemented Kafka queue for message subscription with spring boot</li><li>Prioritized tasks and implemented tools using <b>Java, Spring Boot, React, Jest, Mockito</b></li><li>Used docker container to build docker image to deploy the microservices application</li><li>Implemented application by adopting the <b>MVC</b> architecture using various <b>Spring modules</b>. Mapped the business objects to the database using <b>Hibernate ORM</b> which allowed us to persist the business objects and improve the performance using caching.</li></ul>		

<b>Full Stack Developer</b>	<b>Datum Software Inc., Atlanta, USA</b>	<b>July 2019– Feb 2020</b>
<ul style="list-style-type: none"><li>Part of the <b>security</b> team which is responsible for developing solutions and solving complex/unique problems related to <b>vulnerability management</b> and remediation in the company's infrastructure</li><li>Implemented new algorithm to reduce web configuration rendering time by 80%</li><li>Implemented <b>payment gateways</b> on one system, ensuring effective control and management of their <b>payment processing business</b> using <b>Spring Boot, Angular, AWS, EC2, MySQL, Tomcat</b></li><li>Prioritized tasks and implemented tools using <b>Java, HTML5, CSS3, Angular 7, JIRA, REST</b> to provide continuous analysis of security threat information</li><li>Participated in scrum meetings, sprint planning, release and deployment</li></ul>		

<b>Software Engineer</b>	<b>Tata Consultancy Services, Chennai, India</b>	<b>July 2015– July 2017</b>
<ul style="list-style-type: none"><li>REST agile web application development primarily with an <b>AngularJS</b> front end sitting atop a <b>RESTful Java</b> service architecture</li><li>Developed core application components using <b>Java, JSP, Servlets, J2EE, MySQL</b> and UI resources with <b>HTML5, CSS3, Bootstrap, JavaScript</b></li><li>Developed and tested highly scalable application which is mainly used to manipulate data from a specified website using <b>JSOUP, Java Swing</b></li><li>Implemented enterprise infrastructure and platforms by utilizing services in <b>Amazon Web Services</b> required for cloud computing and managed integrations of various applications with the platform</li><li>Worked with customers on critical issues and solicited feedback on the existing products through <b>Agile</b> methodology</li></ul>		

- Programming Languages:** Java, C, C++, Python, C#, SQL, .NET
- Web Technologies:** JavaScript, AngularJS, NodeJS, React, HTML5, CSS3, Bootstrap, Typescript, AJAX, REST, JSON
- Databases:** MySQL, MongoDB, Oracle
- Tools and Frameworks:** JIRA, Windows, Unix, Scikit, NumPy, BeautifulSoup, Git, Eclipse, PyCharm, Apache Tomcat, Android Studio, Visual Studio, Rally

### PROJECTS IN US

JANUARY 2018 – DECEMBER 2018

- Amazon Sellers (Capstone):** Developing a web application using **Spring Boot, Angular, AWS, EC2, MySQL, Tomcat** for amazon sellers to track their inventory.
- Movie Recommender System (Fall 2018):** Built a movie recommender website using **Python, AngularJS, Flask** which recommends top ten movie lists based on user input. Used **Apache spark, Hadoop**, Content and Collaborative filtering algorithms are compared and analyzed.
- eBus – Booking Management Software:** Designed and implemented an online web application to operate bus booking services. Created **JSP** pages for the user interface which includes all bus services and **Java, J2EE, AngularJS** technology for business logic.

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- **Auto Loan Website (Spring 2018)**: Developed an online web application portal using **HTML5, CSS3, Bootstrap, JavaScript, AngularJS, NodeJS, MongoDB**, the **auto loan** is a line of credit extended by a lender for the purpose of purchasing a vehicle.

#### CERTIFICATIONS

- Angular JS 2 Certified-Edureka