

Address: Houston, TX 77058
Mobile: (346) 401-0110

AKASH KURVA SHEKARAPPA

akashkshekarappa@gmail.com
<https://www.linkedin.com/in/akashks>
<https://akashkshekarappa.github.io/>

EDUCATION

Houston, TX	University of Houston-Clear Lake	May 2019
<ul style="list-style-type: none">Master of Science in Computer Science GPA: 3.55		
Karnataka, India	Visvesvaraya Technological University	May 2015
<ul style="list-style-type: none">Bachelor of Engineering in Computer Science GPA: 3.76		

EMPLOYMENT

Associate Software Engineer	Tata Consultancy Services, Chennai, India	July 2015- March 2016
<ul style="list-style-type: none">Part of the security team which is responsible for developing solutions and solving complex/unique problems related to vulnerability management and remediation in the company's infrastructureImplemented new algorithm to reduce web configuration rendering time by 80%Prioritized tasks and implemented tools using Python, JavaScript, HTML5, CSS3, JIRA, REST to provide continuous analysis of security threat informationImplemented application by adopting the MVC architecture using various Spring modules, JSP, JSTL and AJAX. Mapped the business objects to the database using Hibernate ORM which allowed us to persist the business objects and improve the performance using caching.Participated in scrum meetings, sprint planning, release and deployment		
Software Engineer	Tata Consultancy Services, Chennai, India	March 2016 – July 2017
<ul style="list-style-type: none">REST agile web application development primarily with an AngularJS front end sitting atop a RESTful Java service architectureDeveloped core application components using Java, JSP, Servlets, J2EE, MySQL and UI resources with HTML5, CSS3, Bootstrap, JavaScriptDeveloped and tested highly scalable application which is mainly used to manipulate data from a specified website using JSOUP, Java SwingImplemented enterprise infrastructure and platforms by utilizing services in Microsoft Azure and Amazon Web Services required for cloud computing and managed integrations of various applications with the platformDesigned and wrote automation tools using Python, Bash scripting required to perform operations on the application serverWorked with customers on critical issues and solicited feedback on the existing products through Agile methodologyAssisted new engineers in understanding AWS basics		

LANGUAGES AND TECHNOLOGIES

- Programming Languages:** Java, C, C++, Python, C#, SQL, .NET
- Web Technologies:** JavaScript, AngularJS, NodeJS, 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

PROJECTS

- Quick Assistance (Android App):** Developed android application using **Android SDK, Google API, Firebase, Java, REST** which connects and allows potential employers to post jobs that freelancers can then bid to complete. App enables the user to communicate (chat/call) in real time with another user
- 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.
- 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
- International Software Testing Qualification Board (ISTQB) certified tester