

Sai Gowtham Kapa

PHONE: 734-331-7728 | EMAILS: KAPA738@GMAIL.COM , KK6915@RIT.EDU
HTTPS://WWW.LINKEDIN.COM/IN/KAPA-SAI-GOWTHAM-058455141/

Education

MS: **Software Engineering**, Graduation : May 2021(expected)

Rochester Institute of Technology, NY, USA

BE(Bachelors): **Computer Science and Engineering, 2016**

PES Institute of Technology, Bangalore, India

Technical Skills

- **Programming Languages:** Java, Python, C++
- **Platforms:** Windows, Linux
- **Web Development:** HTML, CSS, JSON, Selenium
- **Testing Tools:** Robot Framework(Automation), Jmeter(Performance Testing), Understand, InFusion, JUnit
- **Machine Learning:** Sklearn, NPM, numpy
- **Code Configuration management:** Github

Soft Skills

- Integrity
- Delivering results on/before time
- Meeting the customer requirements and expectations
- Working with Global Teams
- Peer Relationships

Academic Courses

- Foundations of Data Science
- Software Construction with JAVA
- Data Structures and Algorithms
- Operating Systems
- Foundations of UML and Software Engineering
- Engineering Accessible Software
- Digital Audio Production

Certifications

- RobotFramework Automation
- Android Application Development.
- Python Developer Certification

Achievements/Activities

- Received Rockstar Award in Ericsson for outstanding performance in the projects, Verizon Zoom and Verizon ECM 18 upgrade.
- Organized and participated in college based and external gaming tournaments for Counter Strike and Dota2, throughout Bangalore.
- Participated in various hackathons for creating Android applications.

Academic Projects

- **Detecting Fake Job Postings** (Python, Numpy, Sklearn)
A machine learning model which detects whether a job posting is real or fake.
- **Identifying Fake Reviews** (AzureML, Python, Numpy, Selenium)
Extracted reviews from Google play applications and created a Machine learning model to identify fake reviews in Google Play Applications.
- **Review Sentiment Detection** (Python, Android, Java)
Designed, coded and implemented an android mobile application for generating ratings on various public services such as restaurants, hospitals, stores by using Sentiment Analysis code on the reviews for all such services.
- **QuikBuy** (ReactJS, NodeJS)
Created a web application to buy and sell items online with user registration and catalog options.
- **Web-checkers** (Spring, Java, XML)
Created a web-checkers game using Spring framework for JAVA. The game has a playable AI system.
- **Blind Accessibility SVG** (SVG, Windows Screen Reader)
An SVG application to read state diagrams with descriptions for people who are blind or have vision impairment.

Work Experience

SOFTWARE ENGINEER

Ericsson India Global Services, Bangalore

Oct 2016 - June 2019

- **Verizon Zoom - Automation, Performance QA** (Robot Framework, Jmeter)
Delivered Performance and Automation scripts for a web application used to create and manage Virtual network elements hosted on a cloud framework. Also did Manual Testing and delivered test cases and results for the same application.
- **Verizon ECM 18 Upgrade - Manual QA, Test Lead**
Lead a team of 5 engineers for the Upgrade of Ericsson Cloud manager application. Used the application to create and manage Virtual network elements on Cloud framework.
- **Verizon ENMSSO - Performance QA** (Jmeter)
Delivered Performance test scripts for a web application used for secure access of network elements. Successfully identified critical performance bottleneck issues created by usage of a VPN.