

Sumanth Kolla

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- Computer Science Graduate Student with 1.5 years of **Full Stack Application** development experience at Tata Consultancy Services having strong communication skills both verbal and written.
- Strong ability to work dedicatedly as an individual as well as in a team.
- Eager to learn new things, highly versatile and experienced in adapting to and implementing latest technologies.
- Good knowledge of algorithms and data structures.

Education

Texas Tech University, Lubbock, Tx, USA
Master of Science in Computer Science

Fall 2020 – Present

Jawaharlal Nehru Technological University, Kakinada, India
Bachelor's in Electronics and Communication Engineering

Aug 2015 – May 2019

Skills

- ✓ **Languages:** Java, HTML, CSS, Python, C/C++
- ✓ **Scripting:** SQL, JavaScript, Bash
- ✓ **Technologies & Frameworks:** Spring, Hibernate, Web Services (REST Services), Angular
- ✓ **Testing:** Junit, Mockito, Selenium, Cucumber
- ✓ **Cloud Technologies:** AWS
- ✓ **Operation systems:** Windows, MAC OS, Linux, UNIX.

Experience

System Engineer/Software Developer, Tata Consultancy Services.

July 2019 – Dec 2020

- Designed, developed, and maintained REST based highly scalable, robust and fault-tolerant production grade microservices and web applications using Angular, JavaEE, Spring frameworks and deployed it on AWS.
- Gathered requirements and converting them into technical specifications (user stories).
- Worked extensively in Agile methodology (2weeks SCRUM)- Sprint planning, Risk Analysis, Sprint Demo.
- Worked closely on monthly productions/releases and helped with deliverables and fixing bugs encountered and addressing the issues with 24 X 7 technical on call support for the then current release.
- Built and executed end to end, integration and regression test scripts using Java, Junit, Selenium, Cucumber to test the functionality of various services and web applications.
- Wrote Junit test cases using testing frameworks like Mockito and Power Mockito.
- Received “Shining Star” Award for building a web application which tracks production server outages and maintenance timings and sent reports to the team regarding them.

Projects

Smart Health Care Monitoring System using IOT

Arduino, Android, MySQL

- Developed an Arduino based health care monitoring system to capture the blood pressure, heart rate, temperature of a person.
- The monitored data is sent to an android app via Bluetooth module of the Arduino and the data is stored in MySQL database.

Car Damage Detection using Google Cloud Vision API

Java, Spring boot, HTML, JavaScript, Google Cloud Platform

- Trained a Google Cloud Vision model which detects car damage in accident including components and created an API on top of it.
- Built a web application which uses the above exposed API and estimates percentage of car components damaged.

“Mahotsav” Technical Fest Website

HTML, Bootstrap CSS, JavaScript, MySQL.

- Developed a website for “Mahostav” – the annual technical symposium of my under-graduation university.
- Enabled functionality to track the registration, participation and judgement of various events like paper presentations, poster presentations, coding competitions, coding quizzes, technical presentation etc.

E-Commerce Website

HTML, Bootstrap CSS, JavaScript, MySQL.

- Full Stack Web Application for online shopping website where the user can purchase goods online.
- Some of the functionalities included were adding products to the shopping carts, making online payments, accepting the payments like cash on delivery.
- Maintained sessions of the user by using PHP sessions, and displayed recommended products to the user based on the cookie information.