Rohan Samuel Gangavarapu

Student

Full Stack developer with a strong work ethic and attention to detail who is skilled in Java, Vue.js, Spring, Python, Flask, React, Databases and Version Control tools. I want to leverage my technical expertise to help international businesses create cutting-edge applications for a better user experience throughout the globe. I am skilled at working in cross-functional teams and capable of coming up with innovative solutions to difficult problems, devoted to keeping up with technical developments, ability to adapt, pick things up quickly and dedicated to having a positive influence in a dynamic setting. I am eager to work for a company with a global presence so I can influence the digital environment and promote innovation on a global level.

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EDUCATION

Master of Science - Computer Science
Arizona State University, Ira A. Fulton Schools of Engineering, School of Computing and Augmented Intelligence

08/2023 - Present

Bachelor of Technology - Computer Science & Engineering
Vellore Institute of Technology

07/2017 - 07/2021   *3.61 CGPA*

WORK EXPERIENCE

Software Engineering Specialist
GE Aerospace

07/2021 - 07/2023
Achievements/Tasks

- Designed a website using **Restful** APIs where customers can view and modify the configurations of airplane engines using **CRUD** operations. Took up additional responsibilities as Scrum Master and spearheaded the team in increasing code quality by including test cases (**Junit**, **Mockito**). Owned the process of gathering and translating **client requirements** into system design and user stories. ➢ **Awarded** by GE for Deliver with Focus during multiple major production releases.

INTERNSHIPS

GE Vernova (01/2021 - 06/2021)
*Accomplished an **80% reduction** in the cycle time for assessment of wind turbines by building secure micro services on AWS cloud by automating the process using **Python Flask, Java Spring Boot, PostgreSQL and Polymer.js**. Responsible for **enhancing the JSON parser**, which improved the application performance by a significant margin. Created **custom components** for uploading and downloading wind turbine assessment data.*

Tech Trunk Ventures Private Limited (04/2019 - 07/2019)
*Leveraged **traditional Machine Learning techniques** to pre-process organizations private data to determine the best marketing season (over 3 years of data combined). Data Cleaning and Visualization using Python's **Pandas** and **NumPy** for an accuracy of > 85%. Extracted valuable insights by providing visually appealing graphs and pie charts with the help Python's **Seaborn** and **Matplotlib**.*

TECHNOLOGIES AND SKILLS

Algorithm Design & Analysis	Java
Python	SQL
Vue.js	JavaScript
Git and Git Hub	Flask
Spring-boot	NodeJs
PostgreSQL	React
Vanilla JavaScript	HTML & CSS

PERSONAL PROJECTS

Hospital Management using Quadratic Assignment Problem (02/2018 - 04/2018)

Data Analysis of Market Campaigning Data Set (05/2019 - 07/2019)

Smart Walking Stick for the Blind (06/2019 - 11/2019)

Sentiment Analysis using Twitter Data (06/2019 - 11/2019)

CERTIFICATES

Object Oriented Programming in Java
Course on Coursera by University of California, San Diego

IoT (Internet of Things) Wireless & Cloud Computing Emerging Technologies
Course on Coursera by Yonsei University

APIs and Web Services
LinkedIn Learning

Full Stack Development with Flask
LinkedIn Learning

ACHIEVEMENTS

Deliver With Focus
Awarded by GE Aerospace in 2021

IMPACT & APPLAUSE
Awarded by GE Aerospace in 2022

Enabling Customers
Awarded by GE Aerospace in 2022