

SRIKAR KOTRA

Dallas, Texas 75080 | sxs230164@utdallas.edu | +1-(945)-274-8719
[LinkedIn](#) | [Github](#)

EDUCATION

The University of Texas at Dallas
Master of Science, Computer Science

Aug 2023 – May 2025

Vellore Institute of Technology, Vellore

Master of Technology in Software Engineering | Bachelor of Technology in Software Engineering

Jun 2018 – Jun 2023

GPA 9.30

TECHNICAL SKILLS

Programming: Python, Java, Java Spring Boot, Rust, React.js, Node.js, HTML, CSS, R, C/C++, SQL, Git

Tools and Methodologies: MATLAB, AWS, Spark, Jenkins, Docker, Postman, Power BI, Tableau, JIRA, SDLC, Agile

Frameworks / Packages: TensorFlow, Keras, OpenCV, Scikit-learn, NumPy, Pandas, SciPy, Matplotlib, Flask, Django

Platforms: Jupyter Notebook, R Studio, Visual Studio Code, Microsoft Office 365 Suite, Ms Excel, Linux, Azure

Databases: MySQL, Hadoop, Hive, MongoDB, Oracle, Snowflake

PROFESSIONAL EXPERIENCE

Intel Technology India Pvt Ltd, Bangalore

Aug 2022 – Jun 2023

Software Development Engineer Intern

- Spearheaded the development of a cutting-edge Semantic Document Engine within the Chrome SI Team, employing a combination of Python, Rust, and advanced NLP techniques to deliver actionable insights by processing complex Jira commands and queries.
- Enhanced proficiency to 100% in orchestrating automation, excelling in automating intricate tasks, and demonstrating a high level of finesse in data manipulation, leveraging the versatile functionalities of VIBE.
- Pioneered the seamless integration of the ADA framework into Intel's OneCloud platform, a pivotal achievement that revolutionized connectivity and automation, resulting in a remarkable 30% reduction in onboarding time, significantly enhancing efficiency.

AgBoost Tech Consultancy, India

May 2021 – Jan 2022

Web Development Intern

- Developed a dynamic web app utilizing React.js and Python that analyzed the real time data and visualized with the help of Tableau by providing insights for farmers on crop health, soil moisture levels, and weather patterns.
- Executed the project from inception to completion, adhering to the full Software Development Lifecycle (SDLC).

Agixury, India

Dec 2020 – Jan 2021

Backend Developer Intern

- Collaborated backend development support applying PHP, SQL, JavaScript for the company's hotel website following agile.

PROJECTS

Inventory Management System – VMware Externship project ([CertificationLink](#))

- Implemented an inventory management application putting Java spring boot, Docker, Postman, Heroku into practice under training with VMware IT Academy Certification.

Twitter Data Analysis using Hadoop ecosystem

- Illustrating a data analysis method employing MapReduce algorithm along with Apache Pig, HIVE and Hadoop. Representing the successful result on the graphs harnessing R and Tableau.

Medical E-commerce Website

- Designed and developed a dynamic e-commerce platform for pharmacy products using the Django framework in Python.
- Took charge of various responsibilities including the development of essential features such as auto-complete search, shopping cart functionality, order management, and secure payment processing, this reduced team efforts by 40%.

PROFESSIONAL INVOLVEMENTS

Virtual Summer Series – Hellofinance (featuring 27 firms including Goldman Sachs, Morgan Stanley etc)

Jul 2023 – Aug 2023

Externship - VMware IT Academy [[CertificateID](#)]

Jun 2021 – Aug 2021

Virtual Teaching Assistantship – Achiwer, India

Jun 2019 – Aug 2019

ACHIEVEMENTS AND LEADERSHIP

- Graduate Student Assembly (GSA)'s ECS Representative at – large (Elections – Winner) Oct 2023 – Present
- ECS Jonsson Grad Scholar Aug 2023 – Present
- Competitive Scholarship Waiver Recipient, University of Texas at Dallas Aug 2023 – Present
- Merit Scholarship Student, Vellore Institute of Technology (VIT) Aug 2018 – May 2023
- Director of Marketing and Public Relations – Nature Club, VIT Nov 2019 – May 2022
- Advisory Board Member at Apple Developers Group - ADG VIT Dec 2018 – Nov 2019
- Head Of Technical Operations at IEEE Nuclear and Plasma Sciences Society - VIT Sep 2018 – Oct 2019