

# SRIKANTH KARRE

+1 (361) 228-9232

[ksrikanth910@gmail.com](mailto:ksrikanth910@gmail.com)

---

## EDUCATION

**Texas A&M University - Kingsville**, Kingsville, Tx

Master of Science, Computer Science | GPA: 3.85 | Aug 2023

Relevant Coursework: Fundamental Algorithms, Data Structures, Operating Systems, Mathematical Techniques for Computer Science, Programming Languages

**Chaitanya Bharathi Institute of Technology**, Hyderabad, India

Bachelor of Engineering, Computer Science and Engineering | GPA: 4.0 | May 2019

Relevant Coursework: Object Oriented Programming, Principles of Programming Languages, Database Management Systems, Distributed Computing, Information and Network Security, Computer Networks, Discrete Mathematics

---

## SKILLS

**Programming** : Java, Python, C++, JavaScript, SQL

**Front-End** : HTML, CSS, JavaScript, React JS, React Native, PHP, Angular

**Back-End** : Spring Boot, Spring MVC, Spring JPA, Hibernate, Microservices, RESTful APIs, WebSockets

**Databases** : MySQL, PostgreSQL, MongoDB

**DevOps & Cloud** : AWS (S3, EC2, Lambda, API Gateway, CloudWatch), Docker, Jenkins, CI/CD Pipelines

**Machine Learning** : Pandas, Numpy, NLP, PyTorch, TensorFlow, Keras, Scikit-learn

**Testing & Other Tools** : Git, Jira, Bitbucket, Postman, JUnit, Mockito, Selenium, Agile

---

## EXPERIENCE

**Quantum Info System**, Texas

Oct 2023 - Present

Software Developer

- Designed an eCommerce web application for a warehouse DealDepot, establishing their online presence and enabling seamless product browsing and purchases.
- Engineered the front-end using React, delivering a responsive and user-friendly interface, and built a scalable back-end with Spring Boot and its ecosystem capable of handling over 10,000 daily API requests.
- Deployed the application on AWS Cloud (EC2, S3, CloudWatch), ensuring 99.9% uptime and enabling seamless scalability to support growing user demand.

**Beta Scientifics**, Bengaluru, India

May 2019 - Dec 2021

Software Developer

- Spearheaded the development of "**Soujanya**," a full-stack mobile application streamlining gas filling requests for cab services, reducing manual workload by 80%.
- Architected and implemented a cross-platform mobile app using React Native and React Navigation, featuring real-time order tracking and push notifications.
- Designed and built a secure backend with Spring Boot, Spring Security, JWT, and PostgreSQL, ensuring robust data management and user authentication.
- Integrated AWS services including Elastic Beanstalk for seamless deployment, API Gateway for RESTful APIs, and WebSocket APIs for real-time order updates and driver location tracking.
- Implemented automated CI/CD pipelines using Bitbucket Pipelines, reducing deployment time by 60% and improving team productivity.
- Enabled transparent transaction tracking, automated billing, and monthly expenditure analytics.

**United Care Development Services - Yousee (NGO)**, India

May 2018 - Nov 2018

Software Developer Intern

- Developed a real-time web application using PHP and AngularJS to track and monitor 100% of bank account transactions for the organization.
- Implemented features to maintain complete details of multiple bank accounts, enhancing financial transparency and accountability
- Collaborated with NGO staff to understand requirements and deliver a user-friendly solution for non-technical users
- Gained experience applying software development skills in a non-profit environment

---

## CERTIFICATIONS

AWS Certified Developer - Associate

Nov 2027

Machine Learning by Stanford University (Coursera)

Oct 2019