

Kishan Edimadakala
7815 McCallum Blvd,
Apt 12202,
Dallas, TX,
75252.

Phone

945-444-7666

Email

sxe210024@utdallas.edu

EDUCATION

Master of Science in Computer Science

Jan 2022 - Dec 2023

The University of Texas at Dallas, Richardson, TX

Bachelor of Technology in Computer Science and Engineering.

Aug 2017 - Jun 2021

SRM Institute of Science and Technology, Chennai, India

TECHNICAL SKILLS

Programming Languages: Python, Java, C#, C, C++, SQL.

Web Technologies: HTML5, CSS3, PHP, JavaScript.

Tools and Frameworks: Spring MVC, Linux, AWS, Ruby, JRuby, Rails Hadoop, Maven, ETL, Git, Alteryx, LUCENE.

WORK EXPERIENCE

Software Developer at Tata Consultancy Services (TCS), Hyderabad, India

Sep 2020 - Dec 2021

- Perform functional, **regression**, and **integration testing** on software applications.
- Designed and optimized PL/SQL and NoSQL databases using tools like PostgreSQL, MySQL, MongoDB, or Redis, and performed data modeling and migration tasks.
- Design and set up the **CI/CD** pipeline using **GitLab**, including defining build and test processes, integrating with source control, and configuring deployment strategies.
- Developed Python-based tools to automate testing of web services APIs, improving efficiency and accuracy.
- Implemented encryption algorithms like AES and RSA to ensure data confidentiality and integrity in software applications.
- Designed and implemented an automated testing framework using Selenium and JUnit for continuous integration and regression testing.
- Worked with cloud services such as AWS and used services like EC2, S3, Lambda Functions to build scalable and fault-tolerant applications.

Web Developer at SRM University, Chennai, India

Nov 2019 - Aug 2020

- Developed and maintained various web applications for the university.
- Implemented responsive web designs using **HTML**, **CSS**, and **JavaScript**.
- Worked with **Node.js** and **Express** to build backend services.
- Collaborated with other team members to create user-friendly and accessible web applications.

Quantitative Trading Intern at ANG Ltd, Pune, India

Jun 2019 - Nov 2019

- Execute trades across equities, fixed income, and derivatives markets.
- Use fundamental analysis and quantitative techniques to identify mispricing and trading opportunities.
- Analyze financial statements, economic data, and news flow to gain market insights.
- Work closely with ANG Ltd.'s research team to stay up to date on market trends.

PROJECTS

Stock Trading with Supervised Learning

Feb 2022 - May 2022

- Developed a stock trading strategy using supervised learning algorithms to predict stock prices.
- Collected and preprocessed S&P500 financial time series data to train and evaluate the model.
- Implemented the model in Python using Random Forest Classifier.
- Tested and optimized the model to achieve high accuracy in stock price predictions by using additional attributes like moving averages, etc.
- Could be further improved by imparting "Relative Strength Index" as one of the Predictors(attributes).

Database for Food Delivery Services

Aug 2022 - Dec 2022

- Developed and implemented a database for a food delivery app using **SQL**.
- Designed database schema and normalized the data to ensure data consistency and integrity.
- Implemented database queries to retrieve and manipulate data efficiently.
- Collaborated with the front-end team to integrate the database with the app and ensure seamless data flow.
- Ensured data security and privacy by implementing proper authentication and authorization measures.