

Kishan Edimadakala

sxe210024@utdallas.edu | <https://www.linkedin.com/in/kishan-edimadakala/> | 7815 McCallum Blvd., 12202 | [ki5han99.github.io/](https://github.com/ki5han99)

SUMMARY

With over a year of experience as a software developer, I am driven to continue learning and growing my skills. I have a solid understanding of multiple programming languages including Python, SQL and C# and I'm proficient in using them to develop high-quality software solutions. I'm also quite familiar with big data technologies. I have experience working in a team environment and understand the importance of collaboration and communication in delivering successful projects. I am seeking a challenging and dynamic environment where I can continue to develop my skills and contribute to creating impactful solutions.

EDUCATION

Master of Science, Computer Science University of Texas at Dallas	<i>Jan 2022 - Dec 2023</i> GPA: 3.7
Bachelor of Technology, Computer Science and Engineering SRM Institute of Science and Technology	<i>Aug 2017 - Jun 2021</i> GPA: 3.5

SKILLS

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

Web Technologies: HTML, CSS, XML, PHP, JS, React.

Tools & Frameworks: Angular, Alteryx, AWS, Git, Hadoop, Node js, PowerBI, Rest, Spring, SQL Server, TypeScript.

EXPERIENCE

Software Developer, Tata Consultancy Services *Sep 2020 - Dec 2021*

- Designed and optimized Query Performance by 30% in PL/SQL by Index optimization and NoSQL databases using tools like PostgreSQL, MySQL, 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.
- Worked with cloud services such as AWS and used services like EC2, S3, Lambda Functions to build scalable and fault tolerant applications.

Web Developer, SRM University *Nov 2019 - Aug 2020*

- Developed and maintained various web applications for the university.
- Built a custom menu single handedly using HTML, CSS, XML and JSP and improved the performance of existing application by tuning the PL/SQL scripts.
- Improved the user experience and database query runtime by 20% and overall performance of the university website by code profiling.
- Collaborated with other team members to create user-friendly and accessible web applications.

Technology Summer Engagement Program, Paycom *June 2023 - Jul 2023*

- Participated in React and PHP workshops conducted by Paycom.
- Familiarized with the concepts of Application Security and Deployment Engineering.
- Built an interactive and responsive website using React JS.

PROJECTS

Stock Trading with Supervised Learning.

- 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 attributes like moving averages.

Database for Food Delivery Services.

- 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.
- Collaborated with the front-end & back-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.

E-Commerce Market Place using React.

- Implemented product listing, product details, shopping cart, and checkout features.
- Implement user registration, login, and authentication mechanisms using Firebase Authentication or a similar service.
- Integrate with APIs to fetch and display product data, user information, and order details.
- Written unit and integration tests to ensure the reliability and functionality of the application.