RITESH GUPTA

SOFTWARE ENGINEER

- 09391986807
- riteshg763@gmail.com
- LinkedIn
- Github

Summary

Experienced software developer with a strong background in machine learning. Specialises in fintech industries and personalised healthcare. Proven track record in developing impactful software solutions. Skilled in leveraging ML techniques for optimization and driving advancements. Strong problem-solving and collaboration abilities. Committed to staying up-to-date with industry trends.

COURSES

Operating System
Advance Machine Learning
IoT
Advance Data Structure and Algorithms
Data Mining

Skills

.NET with C#	Javascript
SQL Server.	REST API
GIT.	Python
C++	Java
React.js.	Node.js
MongoDB	

Position of Responsibility

Teaching Assistant
CC 5533 : Adv Computing, Fall 2019.
CS 2323 : Computer Architecture, Autumn 2018 and 2019
Core Placement Coordinator
Coordinated with a team of 30 members for the placement of 450+ students, with PoC for 10 companies.

EMPLOYMENT HISTORY

Software Engineer   Jul '21 - Nov '22

Zenoti   │   Hyderabad

An expert in reconciliation and dispute resolution in Fintech.

- Drove the development of Payment Processing reports, leading to a remarkable 50% enhancement in data retrieval efficiency
- Improved dispute evidence submission process, leading to a 20% increase in evidence submissions
- Instituted a Reconciliation tool that tracked collections and deposits, identified discrepancies, and reduced escalated issues by 25%
- Created a robust monthly scheduler to streamline the collection of customer transactions and dispute fees

Research Intern   Aug '18 - May '21

Redpine Signals   │   Hyderabad

Engineered cutting-edge machine learning solutions optimised for edge devices.

- Achieved 90% accuracy by developing and deploying a cutting-edge vehicle number plate detection and identification system using Retina-net trained on a hand-curated real-world dataset
- Developed a groundbreaking space optimizer that reduced Machine Learning models by 30x, enabling their deployment on edge devices while maintaining remarkable accuracy

EDUCATION

M.Tech in Computer Science   Jul '18 - Jun '21

Indian Institute of Technology, Hyderabad   │   Hyderabad

PROJECTS

Early Cancer Detection Using Genomics Data   May '20 - Jun '21

Developed cutting-edge software solutions focused on personalised healthcare, with a specialisation in cancer detection.

- Developed an innovative cancer classification model achieving an impressive accuracy of 81.4% in accurately identifying and categorizing various types of cancer
- Enhanced cancer classification to 81.4% from 79.8% accuracy by leveraging Bi-Clustering techniques to establish gene behavior relationships across individuals

Navigation and Redirection of Videos   Aug '17 - May '18

Developed a novel e-learning interface, revolutionising the way users engage with educational content.

- Transformed e-learning interface to enhance user experience, resulting in a remarkable 25% increase in user satisfaction.
- Enhanced learning experience by implementing video navigation, resulting in 40% reduced search time, improved comprehension, and increased learning efficiency.