

Kowshik Mosalakanti

✉ kowshikmosalakanti@gmail.com

☎ +1 (980) 345 0767

📍 Charlotte, United States

in kowshik-sai 🌐 kowshik4

🎓 Education

Masters in Computer Science,
University of North Carolina at Charlotte 🌐

Jan 2023 – Dec 2024
Charlotte, United States

Bachelors in Computer Science,
R.V.R & J.C College of Engineering
Jul 2016 – Aug 2020 | Guntur, India

🧠 Skills

Java	● ● ● ● ●
Python	● ● ● ● ●
Data structures & Algorithms	● ● ● ● ●
Machine Learning and Deep Learning	● ● ● ● ●
Javascript	● ● ● ● ●
ReactJS	● ● ● ● ●
Nodejs	● ● ● ● ●
SQL	● ● ● ● ●
MongoDB	● ● ● ● ●
IBM Business Process Management	● ● ● ● ●
Tableau	● ● ● ● ●
Git	● ● ● ● ●
Figma	● ● ● ● ●

📁 Professional Experience

Systems Engineer, Tata Consultancy Services 🌐

Oct 2020 – Nov 2022 | Bangalore, India

- Development and Maintenance of employee portal for IndiaFirstLife Insurance company.
- Trained and mentored a team of 5 junior developers in IBM BPM and Java, which helped in accelerating project delivery timelines.
- Streamlined BPM workflows and optimized databases, resolving 20+ bottlenecks and reducing process cycle time by 40%, resulting in a 25% increase in team productivity.
- Crafted optimized SQL queries to extract large datasets from the database, tailored to meet user-defined criteria, leading to a 30% improvement in query performance.

Software Developer Intern, Incline Inventions Pvt Ltd

May 2019 – Jun 2019 | Hyderabad, India

- Built a project for predicting the marks of a student in the final exam based on weekly assignment or class test marks. Developed in python.
- This involved leveraging machine learning algorithms and techniques like scikit-learn and TensorFlow to analyze and interpret data patterns.

📁 Projects

Facial emotion recognition 🌐

Given a human face image, detecting the emotion expressed in the face. Implemented using Machine Learning, Deep Learning, HaarCascade OpenCV.

Vehicle License plate recognition 🌐

Created a project capable of license plate detection, employing computer vision techniques to extract the license plate number. This project is part of an AI contest (HumAIIn) conducted by TCS.

Tech trade Web application 🌐

Developed a website for trading items like phones, laptops and other gadgets among users. Implemented using Javascript, nodeJS, ExpressJs and mongodb.

📄 Certificates

- Certified in Design and Analysis of Algorithms course by IIT Madras
- Certified in Machine Learning course by Stanford University Online through Coursera
- Certified in Neural Networks and Deep Learning Course which is a part of Deep Learning Specialization by deeplearning.ai through Coursera.