

MILIND MANOJ KULGOD

Contact: +1(469)-487-3183 | Email: milindkulgod97@gmail.com

LinkedIn: www.linkedin.com/in/mkulgod | Portfolio: <https://milindkulgod.vercel.app>

ACADEMIC QUALIFICATION

University of Texas at Arlington

May 2021

M.S., Computer Science & Engineering, GPA: 3.75/4.0

Nitte Meenakshi Institute of Technology (NMIT)

May 2019

B.E., Information Science & Engineering, CGPA: 8.73/10

TECHNICAL SKILLS

- **Software:** Git, Postman, Jira, puTTy, PowerShell, Docker, Kubernetes, ELK, Linux
 - **Languages:** Java, Springboot, Python, Django, Flask, CSS, HTML, React, NodeJS, JavaScript, Shell Scripting
 - **Database Technologies:** MySQL, MongoDB, PostgreSQL, Oracle SQL, Cassandra
 - **Technologies:** ETL, Data Analytics, Machine Learning, Tensorflow, Keras, AWS, GCP
-

WORK EXPERIENCE

Software Developer – *ITVision360 Inc, USA (Jan 2024 – Present)*

- Led migration of 4 prepaid brands to Verizon's NSA tech stack (**Next.js, Spring Boot, Cassandra**), delivering projects **2 months ahead of schedule** and reducing post-launch issues by **35%**.
- Designed reusable microservice frameworks, **cutting onboarding time for future brands by 40%**.
- Developed and integrated authentication/customer management microservices, improving system security and management efficiency for **over 1 million users**.
- Engineered API logging and optimized data routing, **increasing response speed by 30%** and maintaining **99.9% uptime**.
- Drove performance improvements with advanced API development and database tuning, **reducing average store onboarding time by 20%**.

Software Developer – *Tata Consultancy Services, USA (Aug 2021 – Jan 2024)*

- Developed scalable front-end components in ReactJS and designed robust backend APIs in NodeJS for a network self-optimizing software, **streamlining 5+ key workflows and increasing engineer productivity by 20%**.
 - Led migration from **MySQL to SingleStore**, refactoring backend code for improved performance, **reducing API response times by 30%** and boosting system stability.
 - Engineered dashboard features enabling real-time data visualization and bulk network configuration, **cutting downtime by 15% and reducing multi-step tasks to a single click**.
 - Mentored 3+ new team members and collaborated in agile cycles, **achieving 100% on-time production releases and smoothing onboarding**.
 - Implemented advanced logging, code cleanup, and asynchronous processing, **lowering bug incidence by 25%** and **improving usability ratings among users**.
-

ACADEMIC/RESEARCH PROJECTS

Movie Genre Prediction Model (Python, ML - Naive Bayes, SVM)

- Compared with 5+ ML algorithms, achieving **86%** accuracy using **linear regression**.

Pharmacy Search Engine and Image Captioning (Python, Flask, ML, Attention Networks)

- Improved medication accessibility with **76%** accurate recommendations.

Autism Detection using ML (Python, HTML, CSS, Excel, Jupyter Notebook)

- Developed model with **78%** accuracy on collecting real-time data from autistic centers.
-

CERTIFICATIONS

- The Complete Machine Learning Course with Python (Udemy)
- AWS Cloud Practitioners Essentials
- GCP Associate Cloud Engineer certification.