

MAYANK GUPTA

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EDUCATION

Maulana Azad National Institute of Technology **August 2023 – Present**
Master of Technology - Advanced Computing (CGPA - 8.66) *Bhopal, India*

Institute of Engineering and Technology, DAVV **August 2019 – July 2023**
Bachelor in Engineering - Information Technology (CGPA - 8.49) *Indore, India*

TECHNICAL SKILLS

Programming Languages: Python, C/C++, JavaScript (Basics), MySQL (Basics), MongoDB (Basics)
Libraries & Frameworks: NumPy, Pandas, Matplotlib, Scikit-learn (Basics), TensorFlow (Basics), Flask (Basics)
Backend & Cloud Technologies: Node.js, REST APIs, Google Cloud (Basics), Azure Cloud (Basics)
Development Tools: Git, Postman

EXPERIENCE

Stryker Corporation **July 2024 – Present**
Intern - Software Developer *Hybrid*

- Developed Node.js/Azure Cloud backend system for enterprise app connectivity tracking, monitoring different ERP system instances availability in the organization.
- Implemented Azure and local logging services to enhance system monitoring and troubleshooting capabilities.
- Configured Azure Cosmos DB (MongoDB API) integration for reliable application data storage and retrieval.
- Built error handling mechanisms across the application to improve system reliability.
- Created automated cronjob system to sync data between Planview and Azure MongoDB.

Quantiphi Analytics Solutions Pvt. Ltd. **Jan 2023 – July 2023**
Intern - Machine Learning Engineer *Remote*

- Developed and deployed a machine learning model using LightGBM Classifier to predict bank customer churn rate.
- Achieved an accuracy of 0.94 and an F1-score of 0.94 on the test set.
- Presented project findings and recommendations to senior management.
- 🏆 Internship Certificate

PROJECTS

Chatty - Connect With Friends 🗨️

- Technologies: MongoDB, Express, ReactJS, NodeJS, Socket.io, HTML, CSS
- Built a fullstack realtime chat application in which people can connect with there friends and chat. It has various functionalities such as authentication mechanisms, account creations and deletions etc.
- 📁 Project Repository

Heart Stroke Predictor

- Technologies: Python, NumPy, Pandas, Data Preprocessing, Random Forest Classifier, Flask
- Developed a machine learning model using Random Forest Classifier to predict the risk of heart stroke based on various health and lifestyle factors such as age, gender, blood pressure, smoking status, etc and deployed the model locally using Flask.
- 📁 Project Repository

CERTIFICATIONS

- 🏆 Associate Cloud Engineer - Google Cloud Platform

ACHIEVEMENTS

- 🏆 Qualified GATE CSE 2022, 2023, 2024
- 🏆 Qualified GATE DA 2024 with score of 491 out of 1000 and AIR 2371
- 🏆 Letter of Appreciation for Qualifying GATE 2022