MEET KAILASH MALI

meet.kailash.mali@gmail.com | LinkedIn | GitHub | Portfolio (meetmali.com)

EDUCATION

Amity University Mumbai | Panvel, Maharashtra   Sept 2020 – June 2024
Major - Bachelor of Technology (Computer Science and Engineering) | CGPA: 8.55
Minor - Business Management | Specialization - Data Sciences

Billabong High International School | Thane, Maharashtra   Aug 2018 - June 2020
Indian School Certificate (ISC Board) - Computer Science | 12th Std: 74%

RELATED EXPERIENCE

Data Analyst Intern   July 2024 - Present
ALPHA LABS TECH **|** Mumbai, India

- Designed Zoho CRM dashboard to deliver timely insights on sales performance, lead conversion, and customer trends.
- Collaborated with cross-functional teams to align solutions with business needs, improving efficiency and cost savings.
- Utilized Tableau to create a financial dashboard, enhancing sales tracking, performance analysis, and decision-making.

Software Development Intern   July 2023 - Sept 2023
ALPHA LABS TECH **|** Mumbai, India

- Developed the Internship Management System (IMS), a web app for interns to explore internships and technology courses.
- Created a Certificate Validation Tool, allowing interns to verify the authenticity of their certificates on (IMS) platform.
- Designed the frontend with HTML/CSS and built the backend using PHP/MySQL for efficient internship management.

Amazon Web Services Intern   July 2022 - Sept 2022
F13 TECHNOLOGIES **|** Delhi, India

- Managed static website hosting on AWS Cloud using EC2 instances and S3 buckets, ensuring a smooth user experience.
- Delivered data-driven reports, using advanced analytics to highlight key insights and trends for swift decision-making.
- Performed data cleaning and preprocessing on large client datasets using SQL, for accuracy and readiness for analysis.

PROJECTS/RESEARCH | Link

LitterLens - AI Litter Prevention (Award Winning) | Video | Award | Documentation | Portfolio

- Built a web app that assist the government to automatically fine drivers who litter on roads, helping to mitigate land pollution.
- Integrated YOLOv8 for trash detection, OCR for license plate recognition, and Vonage API for fine notice issuance via SMS.
- Leveraged computer vision to create a scalable and cost-effective solution for reducing road maintenance costs in smart urban cities.

AmiNav - Amity Navigation System (Award Winning) | Video | Award 1 | Award 2 | Documentation | Portfolio

- Developed a 3D campus navigation app to help students and visitors seamlessly navigate the vast campus of Amity University.
- Utilized AI to determine the user's location, calculate the shortest path, and provide a virtual route to their destination on a mobile device.
- Leveraged AR to create an innovative solution that saves users time and energy by providing accurate navigation within the campus.

HeartWatch - Heart Disease Prediction Modelling (Award Winning) | Video | Award | Portfolio

- Built a web app to analyze cardiovascular disease data of patients with a high probability of experiencing heart attacks in future.
- Trained the logistic regression model to assess the risk based on patients' medical records, including cholesterol and blood pressure levels.
- Leveraged Data Science to develop a robust solution that increases user awareness and provides health precautions for patients.

SmartPremiums - Predictive Analytics for Health Insurance Premiums

- Developed a Streamlit web app to predict health insurance premiums based on user inputs like age, BMI, and smoking status.
- Utilized the PyCaret library in Google Colab to train and optimize a regression model, ensuring accurate premium predictions.
- Improved customer experience by providing personalized, data-driven premium estimates tailored to individual health profiles.

CrashAnalysis - Road Accident Dashboard System

- Created a dynamic Tableau dashboard for road accidents, allowing year-on-year comparisons and filtering by accident severity.
- Showcased essential KPIs, including accident rates, casualty levels, and vehicle types, for a comprehensive analysis of trends.
- Provided actionable insights to the vehicle insurance sector, improving risk assessment and optimizing premium strategies.

SalesInsights - Financial Statistics Dashboard System | [Dashboard](#) | [Portfolio](#)

- Developed an interactive Tableau dashboard to visualize total sales, profit, and quantity using key performance indicators.
- Designed in-depth charts to track sales and profit by state, monthly sales by segment, and overall sales distribution by segment.
- Performed advanced data analysis using SQL and converted raw data into strategic insights to optimize business performance.

ARINFO - Augmented Reality Information | [Video](#) | [Portfolio](#)

- Developed an AR app that revolutionizes retail experiences, by displaying virtual ads and product trailers on a mobile screen.
- Implemented real-time object detection using Vuforia engine to enable camera-based product scanning and instant information retrieval.
- Designed a 3D shopping solution in Unity to enable customers to visualize products more effectively, ultimately boosting sales.

SKILLS SUMMARY

Languages:	Python (NumPy, Pandas, Matplotlib, Seaborn, PyTorch), MySQL, NoSQL, HTML/CSS
Machine Learning:	Linear Regression, Decision Trees, Random Forests, Time Series Forecasting, Predictive Analytics
Data Analytics:	Statistics, Data Mining, Data Cleaning, Data Modeling, Data Visualization, Reporting, Dashboarding
Business Acumen:	Business Intelligence, Requirements Gathering, Market Research, Strategic Planning, Project Management
Software Tools:	MS Excel, Tableau, Power BI, Google Analytics, AWS Cloud, GitHub, Google Colab, Kaggle, Roboflow
Soft Skills:	Public Speaking, Negotiation, Critical Thinking, Time Management, Problem Solving, Documentation

POSITION OF RESPONSIBILITIES | [Link](#)

Core Team Member / Google Developers Students Club | Amity University, Mumbai | [View](#)　　　　　Aug 2021 - June 2022
Led a team of 30 and served as a speaker/facilitator for Flutter Festival Program, teaching over 90 students.

Technical Committee Head / Entrepreneurship Cell | Amity University, Mumbai | [View](#)　　　　　Aug 2021 - June 2022
Managed a team of 25 to organize 16 entrepreneurial events and webinars, engaging over 1,200 students.

Hackathon Organizer - Technothon 1.0 / Amity University, Mumbai | [View](#)　　　　　June 2021 - July 2021
Organized a national-level hackathon in the first year, attracting over 600 students from across India.

AWARDS/HONORS | [Link](#)

3rd Rank - Innovation Day, Project Competition | Amity University, Mumbai | [View](#)　　　　　Sept 2023
Led the 'LitterLens' web app, which was honored with the award for the most innovative final-year project.

1st Prize - AmiVigyaan, Technical Poster Presentation / Amity University, Mumbai | [View](#)　　　　　March 2023
Presented an AR-enabled poster that displays a video overlay when scanned with a mobile camera.

1st Rank - Innovation Day, Project Competition / Amity University, Mumbai | [View](#)　　　　　Sept 2022
Awarded for developing the 'AmiNav' app, recognized as the most innovative application at the university.

1st Place - Recursion 2.0 Hackathon | Rajiv Gandhi Institute of Technology, Mumbai | [View](#)　　　　　March 2021
Won for 'HeartWatch - Heart Disease Prediction Modeling' as the best project among 80 competing teams.

1st Milestone - Google Cloud Ready Facilitator Program | Amity University, Mumbai | [View](#)　　　　　May 2021
Gained hands-on experience in cloud computing by completing 8 quests and earning 4 skill badges.

Bronze Medal - State Level Inline Skating Champion | Sacred Heart School, Kalyan | [View](#)　　　　　March 2016
Represented my school, Omkar Cambridge International and also won a total of 31 medals in various sports.