Akshat Kotadia

Aspiring Machine Learning Engineer — Data Scientist — AI Enthusiast

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Education

International Institute of Information Technology, Hyderabad	**Jul 2025 – Present**
M.Tech in Computer Science and Engineering ***CGPA: 9.33/10***	*Hyderabad, India*

Institute Of Technology, Nirma University	**Oct 2021 – May 2025**
B.Tech in Computer Science and Engineering ***CGPA: 8.36/10***	*Ahmedabad, India*

Experience

Software Developer Intern | Iolite Softwares Pvt. Ltd. | Ahmedabad, India | Jan 2025 – Jun 2025
- Contributed to an enterprise **IP Management System** using AngularJS and .NET 9.
- Developed APIs and optimized backend performance with MS SQL Server.

Software Developer Intern | Solvemate Tech Pte Ltd | Ahmedabad, India | May 2024 – Jul 2024
- Integrated **Google OAuth2.0 + Analytics** in a MERN dashboard.
- Built a React Native loyalty app with serverless AWS APIs.
- Designed data pipelines for analytics, enabling user-behavior insights.

Projects

Food Delivery Time Prediction | **Python, Streamlit, XGBoost, Scikit-learn** | Self Project | GitHub | Aug 2024
- Developed a **machine learning-based system** to predict food delivery times using restaurant, weather and location data.
- Implemented an **XGBoost regression model** for accurate prediction after data preprocessing and feature engineering.
- Built an **interactive Streamlit web app** that allows users to estimate delivery time based on live or selected locations.

Resume Revealer | **Python, Machine Learning, NLP** | Group | GitHub | Feb 2024
- Developed an **AI-powered resume parser** extracting sections (education, experience, skills) from unstructured documents.
- Implemented **Random Forest Classifier** for skill prediction based on description text.

Age, Gender & Mood Prediction | **Python, Deep Learning, OpenCV, TensorFlow Lite** | GitHub | 2024
- Built CNN-based models to predict **age group, gender, and facial mood** from detected face images.
- Trained a **multitask age–gender CNN (UTKFace)** and a separate **emotion classifier (FER)**.
- Implemented real-time face capture and preprocessing, and deployed a **Flask app** using **TensorFlow Lite** for inference.

Technical Skills

Languages: Python, C++, Java   **ML/DL:** scikit-learn, TensorFlow, PyTorch, Keras   **Data:** Pandas, NumPy, Matplotlib, Seaborn, SciPy
Databases: MySQL, MongoDB, MS SQL Server, DynamoDB   **Cloud/MLOps:** AWS (Lambda, API Gateway, DynamoDB), Docker, Git
Other: REST APIs, OAuth 2.0, JWT, Serverless

Achievements

- **99.61** percentile with the score **752** and All India Rank **665** in GATE CS/IT 2025 and rank **10** in PGEE 2025.
- **First Runner-Up** at **MINeD 2024** (Revelio Labs track) for building a **resume parser**.
- Selected for **Amazon ML Summer School 2024**, an intensive training program covering ML theory and applications.
- **Competitive Programming**: Codeforces 1330 (Pupil), CodeChef 1785 (3 star), active on **LeetCode (kotadiaakshat)**.

Co-Curricular Activities

Junior Student Placement Coordinator, IIIT Hyderabad   Hyderabad, India
- Facilitated placement drives by coordinating between students and recruiting companies, ensuring execution of process.

Core Committee Member and Social Media Head - CSI, Nirma University   Ahmedabad, India
- Organized flagship events HackNUThon 4 & 5, CUBIX 4 & 5, and designed coding problems for competitions