

HAMMAD ALI

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WORK EXPERIENCE

Contract Software Engineer Aug 2025 – *
Viasalus Products Pvt. Ltd. Remote

Technologies: YOLOv8, FastAPI, AWS, Docker

- Deployed YOLOv8 on IVUs for edge inference
- Automated anomaly resolution using AWS Lambda
- Computed geospatial confidence scores via FastAPI

Data Science Intern Mar 2025 – May 2025
Kaksha.live Remote

Technologies: React, MongoDB, Pandas, Seaborn

- Integrated AI-driven component rendering
- Enhanced chatbot with flashcards/quizzes
- Built analytics dashboard using React
- Visualized insights with Pandas, MongoDB

Python Intern Dec 2022 – May 2023
Paper Perfect Technologies Remote

Technologies: Python, Selenium, SQL, Flask

- Developed scalable Python scripts for automation
- Integrated RESTful APIs for seamless data flow
- Optimized data processing using Pandas & NumPy

PROJECTS

EVALZZ (Unified Hiring Platform)

Technologies: MERN, NLP, GenAI, FastAPI

- Built AI-driven hiring platform to unify and evaluate candidate profiles across multiple public sources
- Implemented automated assessment engine
- Developed smart job-candidate matcher using NLP

Homier(Domestic Services Manager)

Technologies: FastAPI, React Native, MongoDB, AWS

- Developed a full-stack service tracking platform to manage attendance, payments, and user groups
- Designed and deployed robust REST APIs
- Implemented a microservice for daily attendance
- Published app on Play Store (100+ users)

Law Document Summarizer

Technologies: PyTorch, Keras, TensorFlow, Flask

- Built multilingual document summarization system
- Provided abstractive and extractive summaries
- Fine-tuned BART models for high accuracy summaries

CERTIFICATIONS

Cloud Computing Jan – Apr 2025
IIT Kharagpur

Blockchain & its Applications Jan – Apr 2025
IIT Kharagpur

EDUCATION

B.Tech in Computer Engineering 2022 – 26
Jamia Millia Islamia University CGPA: 8.0/10.0

XII 2022
Kendriya Vidyalaya Pilibhit Percentage: 96.2%

X 2020
Ben-Hur Public School, Pilibhit Percentage: 95.2%

RESEARCH PROJECTS

Code-Mixed Sentiment Analysis

Technologies: Transformers, Gensim, Pytorch

- Achieved a near 10% accuracy improvement
- Contributed to underexplored Hinglish NLP research by releasing a public dataset (320K+ records)

Multimodal Sentiment Analysis

Technologies: Python, NLTK, spaCy

- Improved multimodal sentiment classification accuracy by 10% on MVSA compared to prior benchmarks using novel BLIP captions and BERT-XGBoost pipeline.

POSITIONS OF RESPONSIBILITY

President, W3B JMI (Society) 2025
Jamia Millia Islamia

- Lead a team of around 120 students of the university
- Conducted many successful events and a tech fest

Web Dev Team Head, W3B JMI 2024
Jamia Millia Islamia

- Managed a team responsible for creating the website
- Designed & developed web pages for events & activities

AI/ML Team Head, GDSC JMI 2024
Jamia Millia Islamia

- Organized an ML Challenge with over 100 participants
- Conducted workshop on ML and taught 150+ students

SKILLS

- **Languages:** Python, JavaScript, C++, C, SQL
- **Web:** HTML, CSS, React, WordPress, Flask, Flutter, FastAPI, Selenium, Cypress
- **AI/ML:** TensorFlow, Scikit-Learn, PyTorch, Keras
- **Data Analysis/Big Data:** Pandas, NumPy, Matplotlib, Seaborn, Apache Spark, BigQuery
- **Tools:** Git, Docker, Streamlit, Jupyter, Postman
- **Database:** MySQL, MongoDB, Firebase, SQLite
- **Cloud/DevOps:** AWS, Azure, Kubernetes, Docker

ACHIEVEMENTS

- Winner of Smart India Hackathon 2024
- Ranked 98th in Amazon ML Challenge 2024
- Completed 50+ freelance projects
- Helped multiple founders turn ideas into real products through end-to-end development and deployment.