

# MUHAMMAD ABDULLAH

AI Developer | Data Scientist | Full-Stack Developer

BSAI Student at IUB | Pakistan

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## PROFESSIONAL SUMMARY

Passionate BSAI student specializing in Generative AI, Machine Learning, and Data Science. Experienced in building scalable web applications using modern technologies. Strong background in Python, JavaScript, React, and AI-powered tools. Committed to creating innovative solutions that solve real-world problems and deliver meaningful impact.

## TECHNICAL SKILLS

### Programming Languages:

Python, JavaScript, HTML, CSS, SQL

### Frameworks & Libraries:

React.js, Next.js, Tailwind CSS, FastAPI, Express.js, Node.js

### AI & Machine Learning:

TensorFlow, PyTorch, Scikit-learn, Transformers, GPT Architecture, NLTK

### Data Science Tools:

Pandas, NumPy, Matplotlib, Seaborn, Jupyter Notebooks

### Databases & Tools:

PostgreSQL, MongoDB, Git/GitHub, Docker, APIs, WebSockets

## EDUCATION

### Bachelor of Science in Artificial Intelligence

The Islamia University of Bahawalpur (IUB)

Expected Graduation: 2025

## KEY PROJECTS

### AI Conversational Chatbot

- â€¢ Advanced NLP chatbot using transformers and GPT architecture
- â€¢ Natural language processing with 95% accuracy
- â€¢ Context-aware conversation management and multi-language support

### Real-Time Analytics Dashboard

- â€¢ Interactive data visualization with real-time updates
- â€¢ Predictive analytics integration and custom report generation
- â€¢ Built with React, D3.js, Python, and PostgreSQL

### AI-Powered E-commerce Platform

- â€¢ Full-stack solution with AI product recommendations
- â€¢ Automated inventory management and secure payment processing
- â€¢ Technologies: Next.js, Node.js, MongoDB, Stripe, TensorFlow

### Predictive ML Model

- â€¢ Market prediction model with 94% accuracy rate
- â€¢ Ensemble learning techniques and real-time data processing
- â€¢ Feature engineering automation and performance monitoring

## ACHIEVEMENTS