AMNA BIBI

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Full Stack Developer | AI Engineer

PROFESSIONAL SUMMARY

Full Stack Developer and AI Engineer with experience building production-grade applications. Skilled in end-to-end development combining modern frontend frameworks, robust backends, and AI/ML integration with focus on scalability and best practices.

TECHNICAL SKILLS

Frontend: JavaScript, React.js, Next.js, TinyMCE, Appwrite
Backend: FastAPI, Django, Python, PostgreSQL, MongoDB, Docker
AI/ML: RAG, Chatbots, LangChain, LangGraph, AI Agents, NumPy, Pandas, Sentence Transformers
Tools: Pinecone, Vector Embeddings, Authentication Systems

EDUCATION

Bachelor's Degree | University of Wah (2023-2027) | Current Semester: 5th

PROJECTS & EXPERIENCE

RAG System
Built a production-grade Retrieval-Augmented Generation platform supporting multi-format document processing (PDF, DOCX, TXT, Markdown). Integrated Pinecone for semantic search and PostgreSQL with secure authentication. Implemented comprehensive error handling and test coverage following industry standards.

AI-Powered Productivity Application
Developed full-stack productivity platform with intelligent task management. Integrated AI-based text and voice parsing for task analysis, smart priority recommendations using similarity search, and optimized embedding storage for low-latency retrieval.

Blog Platform
Built feature-rich blogging application with secure authentication, TinyMCE rich text editor, and responsive design. Full support for text and image content with optimized media handling.

Heart Disease Prediction Model
Created end-to-end ML pipeline including data cleaning, preprocessing, feature engineering, and model training. Delivered accurate predictive healthcare analytics solution.

CORE COMPETENCIES

• Full Stack Development | REST APIs | Authentication & Authorization

• AI/ML Implementation | Vector Databases | Semantic Search

• Production-Grade Code | Error Handling | Database Design

• Docker & Containerization | Agile Development

HIGHLIGHTS

• Production-grade systems with industry best practices and scalability

• Full-stack AI application development capabilities

• Modern DevOps practices and containerization experience