ABDUL BASIT

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EDUCATION

FAST National University of Computer and Emerging Sciences *Jul, 2025*

Bachelor of Science in Computer Science

TECHNICAL SKILLS

Languages: Python, JavaScript, C++, Java

Databases: MongoDB, MySQL, PostgreSQL

Development: Node.js, Express.js, React native

Cloud & DevOps: Docker, AWS (ECS, EKS), Kubernetes, Git

Tools & Platforms: GitHub, VS Code, IntelliJ, Postman

Concepts: Object Oriented Programming, SOLID Principles, RESTful APIs,

PROJECTS

Python Engineer – Analytiverse **Sep 25 - Nov 25**

Improved Large Language Model (LLM) performance and safety by creating reinforcement learning feedback datasets, directly supporting model alignment and leading to enhanced response quality.

COURSES

- *JavaScript Essential Training* *Github and LinkedIn*
- *Git Essential Training* *DataCamp*
- *Supervised Machine Learning – Andrew Ng* *Coursera*

PROJECTS

NeuroAssess – Assisst Neurodivergent students live link | Repo

Tech Stack: MERN stack, Hugging Face, Docker
- Led backend development for an **AI-powered** student-support platform, designing scalable **RESTful APIs**, secure **authentication**, and robust data models.
- Developed and deployed handwriting-analysis CNN models to Hugging Face, then integrated them into the backend, enabling real-time assessments and personalized learning plans for neurodivergent students

Fotoshow – Social Media Backend API Repository

Tech Stack: FastApi, ImageKit, uvicorn, JWT
- Built **RESTful API** with **JWT authentication**, **asyncSQLAlchemy** database operations, and secure user session
- Integrated **ImageKit** for media uploads and implemented **CRUD** endpoints for posts, and **feed retrieval** etc.

ResumeAI – AI powered resume revamp platform live link | Repository

Tech Stack: Node.Js, Express.Js, React.Js, MongoDB, GroqAI,
- Architected a full-stack resume builder featuring real-time AI-driven bullet point optimization via the Groq API, enhancing professional impact and metric integration.
- Implemented secure authentication and data persistence using JWT and Mongoose ODM, ensuring user privacy and reliable storage of complex resume data. Also successfully deployed both frontend and backend components,

ByteTalk – Voice Assistant Mobile App Repository

Tech Stack React Native, Expo Go, Deepgram, ElevenLabs, Google Gemini API
- Developed a mobile app using React Native and Expo Go to help users improve their spoken English through real-time interactive voice-based conversations.
- Built an AI-powered assistant using the Google Gemini API to deliver context-aware replies, correct grammar, suggest vocabulary, and adapt to the user's proficiency level.

LEADERSHIP AND COLLABORATION

- ***Futsal head DAIRA 2024 & 2025:*** *Directed 3-day tournament for 20+ teams, managing end-to-end logistics, scheduling, and on-ground operations for 100+ participants.*
- ***Teaching Assistant (Programming Fundamentals),*** *FAST-NU: Mentored and graded assignments for 40+ first-year students in their foundational programming course.*