

MUHAMMAD TAHA NASIR

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OBJECTIVE

I'm a Junior Computer Science student at FAST-NUCES with a strong interest in AI/ML and full stack development. Currently interning at Advrtix, applying AI to marketing challenges. Actively building projects with Python, LLMs, and modern web tools, while enhancing skills through open-source contributions and online learning.

EDUCATION

Bachelor of Science in Computer Science, FAST-NUCES 2023 – Present
Relevant Coursework: Artificial Intelligence, Software Engineering, Data Structures, Algorithms, System Design
Intermediate (Pre-Engineering), Bahria College Karachi Class of 2021
Focused on Physics and Mathematics, building a foundation for technology studies.

SKILLS

Programming Languages	Python, C/C++, JavaScript (ES6+), PHP, Bash
AI/ML Frameworks	TensorFlow, PyTorch, scikit-learn, Pandas, NumPy, Hugging Face, LangChain, NLTK
Web Development	React, Next.js, Django, Flask, FastAPI, ShadCN, DaisyUI
Databases	MySQL, PostgreSQL, MongoDB, Neo4j (Cypher)
Tools	Git, GitHub Actions, Docker, CI/CD, Vercel, AWS, Jupyter, MLflow, n8n
Soft Skills	Team Collaboration, Problem-Solving, Technical Writing

EXPERIENCE

AI/ML Intern, Advrtix Jun 2025 – Aug 2025
Karachi, PK

- Supported marketing with AI insights, building models for campaign performance.
- Automated customer segmentation, improving targeting efficiency.
- Analyzed data trends to optimize marketing strategies.

Private Tutor (Online), Guangxi Medical University Apr 2025 – Jul 2025
Remote

- Tutored 3-4 MBBS students in medical physics and calculus, enhancing academic performance.
- Developed customized lesson plans to address individual learning needs.

Software Engineering Fellow, Headstarter AI Jul 2024 – Sep 2024
Remote

- Built 5 AI projects in 5 weeks using React JS, Next.js, and CI/CD pipelines.
- Developed a support agent and SaaS app leveraging RAG and AI APIs.
- Collaborated with teams to deploy scalable applications.

PROJECTS

AI-Powered Support Agent. Developed a customer support agent using RAG and AI APIs with React JS and Next.js, improving response accuracy by 30%. Deployed with CI/CD on Vercel.

SaaS Application. Built a scalable SaaS app integrating AI for personalized user experiences, using Django and PostgreSQL, with 500+ active users during testing.

Data Analysis Dashboard. Created a marketing analytics dashboard with Python, Pandas, and Flask, enabling real-time campaign performance tracking for Advrtix.

EXTRA-CURRICULAR ACTIVITIES

- Actively contribute to open-source projects on GitHub, focusing on AI/ML and web development tools.
- Participate in online AI hackathons, earning recognition for innovative solutions.

LEADERSHIP

- Mentor peers in FAST-NUCES coding club, leading workshops on Python and React.
- Organized community events for tech enthusiasts in Karachi, fostering collaboration.