

Mohammed Ruknuddin	
ML Engineer & Full-Stack Developer	
PROFESSIONAL SUMMARY	CONTACT DETAILS
Detail-oriented C.S. student, experienced in developing ML-driven solutions using Python and JavaScript, with Front-end proficiency in NEXT.js. Strong base in fundamentals of OOP, DSA, Data Science, Cloud Computing, Linux & communication skills. Proven ability in analytical thinking, collaborative skills and a highly motivated self-starter.	Phone: +971 54 218 1075 Email: iosrukn123@gmail.com Github: github/theruknology LinkedIn: ruknuddin
TECHNICAL SKILLS	EDUCATION
Programming Languages: Python, Java, C, C++, JavaScript, TypeScript, SQL, HTML, CSS Libraries & Frameworks: React.js, Next.js, Node.js, PyTorch, scikit-learn, TensorFlow, Tools & Platforms: Git Version Control, GitHub, Netlify, Vercel, Figma, Firebase, SupaBase, AWS, Docker, Google Cloud	Birla Institute of Technology & Science (BITS) Jan 2024 Pilani, Dubai Campus, UAE - 2028 <i>Bachelor Of Engineering Computer Science</i> <u>Activities & Clubs:</u> Campus Leader - Notion, Career Services Division, Creative Manager - ACM BPDC, Technical Executive - Google DG
COURSES & CERTIFICATIONS	AWARDS & ACHIEVMENTS
<ul style="list-style-type: none">OCI AI Foundations Associate <i>Oracle University, Aug '25</i>LangChain for LLM App. Dev. - <i>Deeplearning.ai, Aug '25</i>Introduction to Model Context Protocol - <i>Anthropic, Aug '25</i>AWS Educate Getting Started with Cloud Ops - <i>AWS, '25</i>Fundamentals Agile Project Management - <i>PMI, Jun '25</i>	<ul style="list-style-type: none">2nd Place - Alibaba UAE AI Hackathon 2025Top 2% (from 500 participants) - Global AI Hackathon by MIT SloanEfficiency Champions – RTA Alibaba Hackathon '241st Place - Mediathon (Microsoft Tech Club)2nd Place - WiDS Datathon 2025 Kaggle2nd Place - ThinkAI (Microsoft Tech Club)
EXPERIENCE	
Management Information Systems <i>Career Services BITS Pilani Dubai Campus</i>	<i>Sep '25 - Present</i>
<ul style="list-style-type: none">Designed and implemented internal web tools, lead generation systems, and CRM platforms to automate recruiter engagement and support digital transformation in the university's Career Services Division.	
Campus Leader <i>Notion</i>	<i>Sep '25 - Present</i>
<ul style="list-style-type: none">Leading campus-wide workshops and community-building initiatives to help students optimize their productivity using Notion, representing the Notion tool on campus.	
Web Developer <i>Freelance</i>	<i>Sep '22 - Present</i>
<ul style="list-style-type: none">Delivered client projects with 100% client satisfaction rate for web development and design projects, using tools like Figma, NEXT.js, React, Firebase and Supabase.SEO score of 100 on Lighthouse, and reducing page load speeds significantly. (<1s)	
Creative Manager <i>ACM BPDC</i>	<i>Feb '24 - Present</i>
<ul style="list-style-type: none">Developed technical content and User Interface for club events and workshops, using NEXT.js and Figma prototyping, wireframing and design, and django for backend.	
Technical Lead <i>Ta'seer</i>	<i>Mar '24 - Dec '24</i>
<ul style="list-style-type: none">Architected and led development of SaaS Solutions for social media industry using primarily Next.js, shadcn library, Supabase, and mobile app using Flutter using Jira	
Intern <i>BITS Pilani Goa</i>	<i>Oct '24 - Dec '24</i>
<ul style="list-style-type: none">Created engaging posters and graphics using Figma for university events and campaigns.	
Technical Content <i>The Ruknology - YouTube</i>	<i>Mar '23 - Jan '24</i>
<ul style="list-style-type: none">Produced insightful tutorials on web development and web design best practices (5k+ views) for web fundamentals, including React, Node.js, NEXT.js and Flibase.	
Creative & Technical Executive <i>Google DG - BITS Pilani</i>	<i>Sep '24 - Jun '25</i>
<ul style="list-style-type: none">Developed technical content and UI for club events and workshops at Google Developer Groups in our university using Figma, NEXT.js	

RELEVANT PROJECTS	
<ul style="list-style-type: none">Framestorm- GenAI based pipeline for viral video creation. Used LangGraph, Google Gemini API, Azure OpenAI Sora.Taxi Demand Optimization: (RTA Hackathon Efficiency Champions Project), optimizing taxi fleet movement using agglomerative clustering and random forest regression. FastAPI, Next.js Frontend, Alibaba Cloud, Docker.Dynamic Backdoor on Federated Learning (research project) Developed a high accuracy poisoning attack system for decentralized data sets using PyTorch, and scikit-learn.Mawaheb - Hackathon Project, Engineered an innovative full-stack app using Next.js, FastAPI, & Perplexity LLM to generate personalized career development roadmaps based on continuous learning for UAE professionals.Split Learning for Energy Efficient ML Ops - Data Science Course Project, developed & presented research and statistics on model efficiency and privacy in decentralized environments. Using PyTorch, Matplotlib, Numpy, NEXT, FastAPI.	