

# Muhammed Adnan

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## EDUCATION

<b>Hindustan Institute of Technology &amp; Science</b> Bachelor of Computer Applications with Data Analytics	<b>Expected Graduation: 2025</b>
<b>Government Vocational Higher Secondary School</b> Junior Software Developer (Vocational Training)	<b>2020 - 2022</b>

## SKILLS SUMMARY

- **Languages:** Python, SQL, TypeScript, HTML/CSS
- **Frameworks & Libraries:** Next.js, LangChain, Llama.cpp, FastAPI, Django
- **Tools:** Hugging Face, Git, GitHub & GitHub Actions, Docker
- **Platforms:** Linux, Neovim, VS Code
- **Soft Skills:** Collaboration, Problem Solving

## WORK EXPERIENCE

<b>FULL STACK DEVELOPER INTERN (Remote)   Grey Codes Solutions LLC</b> ◦ Worked on full-stack development tasks using Django, ensuring timely delivery of projects. ◦ Utilized Git for version control to maintain code quality and ensure seamless integration.	<b>Jan 2025 - Present</b>
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## PROJECTS

<b>Medi Validator   <a href="#">LINK</a></b> Associated with <b>Grey Codes Solutions LLC</b> ◦ Developed a full-stack medical claim validation system using Django. ◦ Designed RESTful APIs with MySQL integration for backend processing. ◦ Deployed on VPS and implemented CI/CD pipeline for automated delivery.	<b>Jan 2025 - Present</b>
<b>College RAG Chatbot   <a href="#">LINK</a></b> ◦ Built a context-aware chatbot using RAG pipeline for Empire College FAQs. ◦ Scraped and structured website data as a knowledge base for local LLMs. ◦ Deployed via FastAPI for lightweight, offline-capable performance.	<b>Feb 2025</b>
<b>Ground Water Quality Prediction   <a href="#">LINK</a></b> ◦ Achieved a 93% accuracy rate by developing and deploying an end-to-end machine learning model for water quality prediction. ◦ Built an interactive dashboard using Streamlit for real-time user input and predictions.	<b>Oct 2024</b>

## CERTIFICATES

<b>Diploma in Data Science (Cyber Square Professional)   <a href="#">CERTIFICATE</a></b> ◦ Mastered foundational and advanced concepts in Data Science, including PostgreSQL, Power BI, Python Libraries and statistics. ◦ Completed two end-to-end projects, applying data science workflows.	<b>Dec 2024</b>
<b>Python For AI (Cyber Square Professional)   <a href="#">CERTIFICATE</a></b> ◦ Mastered Python concepts, including object-oriented programming, data science libraries and DSA. ◦ Acquired expertise in procedural and OOP paradigms, enhancing proficiency in building AI and data science solutions.	<b>Apr 2024</b>