

# Muhammed Adnan

[LinkedIn](#): linkedin/in/adnaen  
[GitHub](#): github.com/adnaen

Email: adnanmuhammedadnanpc@gmail.com  
Mobile: +91 62383 20553

## 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 (JSD)	<b>2020 - 2022</b>

## SKILLS SUMMARY

- **Languages:** Python, SQL, JavaScript, HTML/CSS
- **Frameworks & Libraries:** Pandas, NumPy, Scikit-learn, Matplotlib, FastAPI, Flask, Streamlit, SQLAlchemy, Pytest
- **Tools:** Git, GitHub, Docker, GitHub Actions
- **Platforms:** Linux, Neovim, CLI
- **Soft Skills:** Collaboration, Problem Solving

## WORK EXPERIENCE

<b>FULL STACK DEVELOPER INTERN (Remote)   Grey Codes Solutions</b> <ul style="list-style-type: none"><li>◦ Worked on full-stack development tasks using Django, ensuring timely delivery of projects.</li><li>◦ Utilized Git for version control to maintain code quality and ensure seamless integration.</li></ul>	<b>Jan 2025 - Present</b>
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## PROJECTS

<b>Customer Churn Prediction   <a href="#">LINK</a></b> <ul style="list-style-type: none"><li>◦ Achieved 94% accuracy using a Random Forest model in a pipeline workflow with Scikit-learn.</li><li>◦ Automated CI/CD with GitHub Actions and ensured code quality using Pytest.</li><li>◦ Utilized Flask for deployment and implemented efficient logging for API reliability.</li></ul>	<b>Jan 2025</b>
<b>Air Quality Index (AQI) Prediction   <a href="#">LINK</a></b> <ul style="list-style-type: none"><li>◦ Developed a regression-based random forest model to predict the Air Quality Index, achieving an 87% accuracy rate.</li><li>◦ Integrated the model with a Flask backend and used Jinja2 templating to create a dynamic web application for user interaction and predictions.</li></ul>	<b>Dec 2024</b>
<b>Ground Water Quality Prediction   <a href="#">LINK</a></b> <ul style="list-style-type: none"><li>◦ Achieved a 93% accuracy rate by developing and deploying an end-to-end machine learning model for water quality prediction.</li><li>◦ Built an interactive dashboard using Streamlit for real-time user input and predictions.</li></ul>	<b>Oct 2024</b>

## CERTIFICATES

<b>Diploma in Data Science (Cyber Square Professional)   <a href="#">CERTIFICATE</a></b> <ul style="list-style-type: none"><li>◦ Mastered foundational and advanced concepts in Data Science, including PostgreSQL, Power BI, Python Libraries and statistics.</li><li>◦ Completed two end-to-end projects, applying data science workflows.</li></ul>	<b>Dec 2024</b>
<b>Python For AI (Cyber Square Professional)   <a href="#">CERTIFICATE</a></b> <ul style="list-style-type: none"><li>◦ Mastered Python concepts, including object-oriented programming, data science libraries and DSA.</li><li>◦ Acquired expertise in procedural and OOP paradigms, enhancing proficiency in building AI and data science solutions.</li></ul>	<b>Apr 2024</b>