

PROFESSIONAL SUMMARY

- Aspiring Full Stack Developer skilled in the MERN stack and machine learning.
- Experienced in building scalable web applications with REST APIs and JWT authentication.
- Passionate about problem-solving and delivering high-quality software solutions.

EDUCATION

Degree	Specialization	Institute	Year	CGPA
B.Tech	Computer Science (AI & DS)	KIET, Korangi	2022-2026	8.09
Intermediate	MPC	G.B.R Jr. College	2020-2022	8.85
SSC	-	Z.P. High School	2019-2020	8.7

SKILLS

- **Languages:** Python, JavaScript, HTML, CSS, Java (Basic)
- **Frameworks & Libraries:** React.js, Node.js, Express.js, FastAPI, Flask
- **Databases:** MongoDB, MySQL
- **Tools:** Git, GitHub, VS Code, REST APIs, JWT, Docker
- **Technologies:** Machine Learning (Scikit-learn, Pandas, NumPy, Matplotlib)
- **Soft Skills:** Teamwork, Leadership, Communication, Problem-Solving

WORK EXPERIENCE

- **Independent Developer [Freelance]** Jan 2025–Present
 - Delivered 3+ full-stack MERN applications with secure JWT authentication and scalable REST APIs.
 - Deployed applications on cloud platforms, achieving 99%+ uptime with CI/CD pipelines.
 - Integrated machine learning models for data analysis and prediction in client projects.

PROJECTS

- **Air Quality Prediction App [Individual Project]** 2024
 - Built a Flask-based web application that predicts AQI using machine learning models, with data pre-processing and visualization.
 - **GitHub:** <https://github.com/DurgaPrasad-54/AQI-APP>
- **FinTRACK - Personal Finance Dashboard [Individual Project]** 2024
 - Created a personal finance dashboard using React and Chart.js for expense tracking and spending visualization.
 - **GitHub:** <https://github.com/DurgaPrasad-54/FinTrack>
- **Note App - Full Stack Application [Individual Project]** 2024
 - Developed a secure note-taking application with user authentication and CRUD operations using the MERN stack.
 - **GitHub:** <https://github.com/DurgaPrasad-54/Note-app>
- **MEDCHAT - AI Medical Chatbot [Individual Project]** 2024
 - Developed an AI-powered medical chatbot using FastAPI and React, integrated with Google Generative AI.
 - **GitHub:** <https://github.com/DurgaPrasad-54/MEDCHAT>

CERTIFICATIONS

- **Foundations of Modern Machine Learning** – IIIT Hyderabad (Grade A)
- **Infosys: MERN Stack Development** – Full-stack development certification
- **Edyst: Introduction to Python** – Python programming fundamentals