Koppireddy Durga Prasad
Full Stack Developer | Data Science Intern
KIET, Korangi

prasad8790237@gmail.com
+91-8790237365
linkedin.com/in/durga-prasad-778516275

PROFESSIONAL SUMMARY

- Full Stack Developer skilled in the MERN stack and machine learning technologies.

- Experienced in building scalable web platforms with RESTful APIs and JWT-based user access.

- Enthusiastic problem-solver focused on creating efficient, reliable, and maintainable 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
  - Built and deployed 3+ full-stack solutions with robust user authentication using JWT.
  - Ensured high availability (99%+ uptime) through CI/CD and cloud hosting.
  - Integrated ML models into systems to deliver analytical insights.

PROJECTS

- **Air Quality Prediction Tool** *[Individual Project]*   2024
  - Developed a Flask-based interface that forecasts AQI levels using ML models and displays interactive charts.
  - **GitHub:** https://github.com/DurgaPrasad-54/AQI-APP

- **FinTRACK – Expense Tracker** *[Individual Project]*   2024
  - Built a financial tracking dashboard using React and Chart.js for budget monitoring.
  - **GitHub:** https://github.com/DurgaPrasad-54/FinTrack

- **Note App – Secure CRUD System** *[Individual Project]*   2024
  - Designed a MERN stack platform for note management with login, encryption, and full CRUD support.
  - **GitHub:** https://github.com/DurgaPrasad-54/Note-app

- **MEDCHAT – AI Medical Chatbot** *[Individual Project]*   2024
  - Created a FastAPI and React-based chatbot integrated with Google GenAI for healthcare-related queries.
  - **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