

Deepak Raj

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Islamabad, Pakistan | [LinkedIn](#)

Career Objective

Aspiring Data Scientist passionate about leveraging data-driven insights and AI engineering to develop predictive models, algorithms, and statistical techniques for solving real-world challenges. Skilled in identifying patterns and trends in data and presenting insights through clear, visual representations to support effective decision-making.

Education

Bachelor of Science in Data Science

FAST National University of Computer and Emerging Sciences, Islamabad

2023 – Present

Skills

- Programming Languages: Python, Java, C++
- Web Development: HTML, CSS, JavaScript, React
- Databases: MySQL, MongoDB
- Tools & Platforms: Power BI, Git, VS Code, Figma
- Data Analysis & Visualization: Machine Learning, Predictive Modeling, Data Insights
- Soft Skills: Analytical Thinking, Team Collaboration, Communication
- Languages: English, Urdu

Experience / Internships

Data Science Intern – Department of Digitalization

Pak-Arab Refinery Limited (PARCO) | Summer 2025 (6 Weeks)

- Designed intuitive Power BI dashboards for visualizing oil market trends.
- Explored AI integration to optimize refinery operations and enhance efficiency.
- Helped improve awareness of AI-driven automation within the organization.

Freelance Web Developer

Self-Employed | Ongoing

- Developed responsive websites tailored to client needs.
- Applied data-oriented design principles to improve user experience and performance.

Projects / Research

Predictive Maintenance Model for Industrial Equipment

Developed a machine learning model to forecast equipment failures using time-series data, reducing downtime and improving operational efficiency.

Customer Churn Prediction Using Machine Learning

Built a predictive model analyzing customer behavior to identify churn risks and recommend retention strategies through data-driven insights.

Achievements / Extracurricular Activities

- Collaborated with Pakistan Red Crescent on a community outreach project at Mashal Model School for underprivileged students.
- Received academic excellence awards in O' Levels and A' Levels for outstanding performance.
- Participated in university-led AI and data visualization workshops.
- Member - FAST Data Science Society

References

Available upon request.

