PRIYANSHU SHARMA
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Skills:

Technical Proficiency: Python, C++, Java, SQL, React, Tableau, Power BI, Google Cloud, MySQL, Django.

Specialized Skills: Data Structures & Algorithms, Machine Learning, Natural Language Processing, System Design, Statistical Modeling.

Tools and Techniques: OpenCV, scikit-learn, Pandas, NumPy.

Certifications:

Google Cloud Digital Leader (Google Cloud)

AI Programming with Python (Udacity Nanodegree Program)

Python for Data Science (IBM)

Fundamentals of Data Analytics (FutureSkills Prime)

Education

Vellore Institute of Technology **Bhopal, Madhya Pradesh**
Btech in Computer Science Engineering with specialization in Health Informatics April 2026
CGPA: 8.7/10

Work Experience

Infosys | AI & Machine Learning Intern *Oct 2024 – Jan 2025*

- Led time-series data analysis, achieving 20% improvement in forecasting accuracy for enterprise growth strategies.
- Streamlined machine learning pipelines to enhance scalability and reduce execution time by 15%, enabling real-time decision-making.
- Collaborated with cross-functional teams to implement statistical modeling techniques, streamlining data-driven decision-making processes.

Zidio Development | Web Development Intern *Jun 2024 – Jul 2024*

- Developed scalable web features, improving system performance by 30% and user engagement metrics by 25%.
- Conducted extensive testing and debugging, achieving 99.9% system uptime during the internship period..

Feynns Lab | Data Science Intern *Apr 2024 – Jun 2024*

- Designed and implemented financial models, increasing project approval rates by 15%.
- Applied advanced market segmentation strategies, driving 10% market share growth in targeted regions.
- Authored comprehensive technical documentation, ensuring a consistent process library for future projects..

Projects

PredictoCare | *Real-time Cancer Cell Classification System* *Jan 2024 – Apr 2024*

- Engineered an advanced ML-based system, improving cancer cell classification accuracy from **92% to 96%.**
- Redesigned data preprocessing workflows, leveraging parallel processing to decrease model training time by 20% and improve resource efficiency.
- Delivered a user-friendly deployment interface, enabling seamless adoption by healthcare professionals.

OpenWiki | *Collaborative Content Creation Platform* *Dec 2022 – Jan 2023*

- Designed a secure, scalable platform supporting 100+ concurrent users, enhancing collaboration efficiency.
- Integrated markdown support, improving content formatting flexibility by 40%.
- Validated application performance, achieving 99.5% uptime and minimal latency under heavy user loads.

Achievements

- Published research: "Multi-class classification and detection of Brain Tumor ROI: Yolov9-CNN" at IACIS, contributing to advancements in medical imaging.
- Anchored "Code Garuda," a Microsoft Club event, attracting 300+ participants to VIT's inter-university techno-cultural festival.
- District-level winner in the National Painting Competition organized by the Bureau of Energy Efficiency of India.

Additional Information

Languages: Fluent in English and Hindi.
Hobbies: Painting, Sketching, Cricket, Researching.