PRAJEETA PAL

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Education

Manipal University Jaipur   Expected May 2025
Bachelor of Technology in Computer and Communication Engineering(GPA: 8.80 / 10.0) [Till 7th sem]   *Jaipur, Rajasthan*
- **Relevant Coursework:** Data Structures and Algorithms (C), Object-Oriented Programming (Java), Database Management Systems, Operating Systems, Computer Networks.
- **Achievements:** TCS CodeVita Season 11: Global Rank 2218/100,000+ (February 2024)
- LeetCode Ranking: Top 140,000

Experience

BrandWardens | *Graphic Design Intern—Mumbai*   Oct 2024 – Dec 2024
- Created marketing materials like posters, Instagram posts,standees,pitch decks and menu cards,aligned with client brand guidelines.
- Collaborated with teams to design creative assets, boosting client engagement across digital and print platforms.

We Create Problems | *UI/UX Design Intern—Bangalore*   May 2024 – Aug 2024
- Enhanced brand visibility by designing cohesive social media content, leading to a 15% growth in engagement.
- Developed innovative branding solutions, raising promotional reach and reinforcing visual consistency.

Bharat Petroleum Corporation | *Software Engineering Intern—Mumbai*   May 2024 – Jul 2024
- Devised and implemented backend APIs in ASP.NET and C# for the "Reference Material Management" project, improving accuracy by 70%.
- Programmed user-friendly JavaScript interfaces, ensuring regulatory compliance and streamlined distribution.

Wipro Pvt. Ltd. | *Software Development Intern—Chennai*   May 2023 – Jul 2023
- Revamped UI/UX for a state government project using React.js, boosting user engagement by 30%.
- Led design improvements through wireframes and prototypes, achieving a 20% gain in usability and user satisfaction.

Projects

API Development | *ASP.NET, C#*
- Designed a Two-Way ANOVA API for Bharat Petroleum, improving testing accuracy by 60% and reducing processing time by 40%
- Built a Regression, STS, LTS API for product analysis, increasing stability accuracy by 50%.

Restaurant Reviews Sentiment Analysis | *Python,PyTorch,NLP, BeautifulSoup,Pandas,BERT*
- Implemented a BERT-based NLP model for sentiment analysis on restaurant reviews, boosting accuracy by 30%.
- Streamlined data scraping and preprocessing, leveraging BeautifulSoup and Pandas for workflow efficiency.

Brain Tumor Detection | *Python, PyTorch, Numpy, Glob, Matplotlib, OpenCV*
- Engineered a CNN-based diagnostic model, increasing detection accuracy by 45% with optimized data preprocessing

Technical Skills

Languages: Java, Javascript, C/C++,C#, HTML/CSS, PHP, Python, R, SQL, Go, .NET.
Frameworks: Node.js, React.js, Angular, Marshmallow, Hadoop, TensorFlow, Scikit-learn, PyTorch.
Tools: Visual Studio Professional, Jupyter Notebook, Google Colab, MS Office Suite, Adobe Photoshop, Figma.
Certfications: Data Warehousing and BI Analytics, Introduction to Big Data and Hadoop, CISCO CCNA and PCAP, HackerRank Problem Solving (Intermediate), Accenture Forage Virtual Experience.

Leadership

MUJ ACM SIGAI Student Chapter | *General Secretary*   Apr 2023-Apr 2024
- Mentored over 320 students in AI/ML and Data Science, organizing successful hackathons and technical events.
- Guided team projects, providing insights on research, and delivering high-quality student-led initiatives.