Parv Daga

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EDUCATION

VIT Bhopal University — Bhopal, Madhya Pradesh
BTech — Expected Oct 2026
Major in Computer Science; Minors in Artificial Intelligence & Machine Learning
Cumulative GPA: 8.15/10

12th Standard
Advanced Academy — Indore, Madhya Pradesh
CBSE Percentage: 84% — Jun 2022

10th Standard
Advanced Academy — Indore, Madhya Pradesh
CBSE Percentage: 87% — May 2020

WORK EXPERIENCE

AI & Full-Stack Developer Intern (Tuileip AI Solutions) — Jan 2025 – May 2025

- Developed production-grade full-stack features using React.js and Node.js microservices, increasing system efficiency by 25%.
- Designed user-centric UI/UX and implemented automation workflows with Python and n8n.io, accelerating video summarization by 30%.
- Created intelligent AI agents using NLP and prompt engineering techniques for dynamic information retrieval and interaction.
- Reduced manual post-editing workload by 25% through AI-driven summarization pipelines and intelligent data preprocessing.

UNIVERSITY PROJECTS

TRAVEL AGENCY PAYMENT MANAGEMENT SYSTEM — Mar 2025 – April 2025

- Developed a scalable full-stack transaction platform using Node.js, React, and MongoDB, supporting secure online/offline payments.
- Integrated WhatsApp API and email automation for real-time payment confirmation, enhancing customer experience.
- Created an admin dashboard with auto-generated PDF invoices, streamlining administrative workflows.

MICROTASKVAULT – AI-POWERED SAAS PLATFORM — Oct 2024 – April 2025

- Led UI/UX design and frontend development with Next.js and Tailwind CSS, integrated with Supabase backend.
- Developed ML-driven task automation features and contributed to blockchain integration for data transparency.
- Implemented efficient information retrieval workflows ensuring seamless full-stack interaction.

SOLAR RADIATION PREDICTION USING REGRESSION — Jan 2024 – May 2024

- Predicted solar radiation using Linear Regression on weather datasets, achieving 85% accuracy.
- Conducted data preprocessing and visualization using NumPy and Matplotlib to support analysis.

PLANT LEAF DISEASE DETECTION — Oct 2023 – Jan 2024

- Built and evaluated CNN, SVM, and Random Forest models to detect diseases in apple leaves with 90% accuracy.
- Optimized model performance and visualized evaluation metrics using Matplotlib.

ACTIVITIES

Linux Club, President — May 2024 – May 2025

- Directed club strategy and managed AdVITya 2024 & 2025 events with 600+ participants.
- Generated Rs. 2 lakh+ in revenue and Rs. 1 lakh profit via strategic partnerships and digital marketing campaigns.
- Coordinated "Cyber Save Hackathon" in collaboration with MP Police, enhancing cybersecurity awareness..

ADDITIONAL

Technical Skills: Proficient in Python, C++, React.js, Next.js, Node.js, Express.js, HTML, CSS, skilled in DSA, OOP, Tailwind CSS,ML/AI (TensorFlow, Scikit-Learn, CNNs, RNNs, NLP, Prompt Engineering); experienced with Git, Langchain, n8n.io, Supabase, MongoDB, and familiar with Microservices, and Web Scraping
Languages: Fluent in Hindi, English
Certifications & Training: Online Course in Applied Machine Learning in Python – University of Michigan (Coursera), Dec 2023; Python Essentials – VITyarthi, May 2023