

Parv Daga

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EDUCATION

VIT Bhopal University

BTech

Major in Computer Science; Minors in Artificial Intelligence & Machine Learning
Cumulative GPA: 8.29/10

Bhopal, Madhya Pradesh

Expected Oct 2026

12th Standard

Advanced Academy

CBSE Percentage: 84%

Indore, Madhya Pradesh

Jun 2022

10th Standard

Advanced Academy

CBSE Percentage: 87%

Indore, Madhya Pradesh

May 2020

WORK EXPERIENCE

AI & Full-Stack Developer Intern (Tuileip AI Solutions)

Jan 2025 – May 2025

- Designed intuitive UI/UX interfaces and developed full-stack features using React.js and Node.js microservices.
- Engineered automation workflows using Python and n8n.io for video summarization via LLM APIs, enhancing processing efficiency by 30%.
- Leveraged NLP and prompt engineering for information retrieval tasks, reducing manual post-editing by 25%

UNIVERSITY PROJECTS

TRAVEL AGENCY PAYMENT MANAGEMENT SYSTEM

Mar 2025 – April 2025

- Developed a scalable full-stack transaction platform using Node.js, React, and MongoDB.
- Enabled secure customer selection and online/offline payments with real-time confirmation via WhatsApp API and email automation.
- Designed an admin dashboard with auto-generated PDF invoices and ensured a smooth UX

MICROTASKVAULT – AI-POWERED SAAS PLATFORM

Oct 2024 – April 2025

- Designed the UI/UX and led frontend development using Next.js and Tailwind CSS, integrated with a Supabase backend.
- Built ML-based task automation features and contributed to blockchain integration for data transparency.
- Implemented information retrieval workflows and ensured seamless interaction across full-stack components.

SOLAR RADIATION PREDICTION USING REGRESSION

Jan 2024 – May 2024

- Used Linear Regression to predict solar radiation from weather datasets.
- Achieved 85% accuracy, applied data preprocessing and visualization with NumPy & Matplotlib.

PLANT LEAF DISEASE DETECTION

Oct 2023 – 2021

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

ACTIVITIES

Linux Club, President

May 2024- May 2025

- Led club strategy and managed AdvITy 2024 & 2025 events with 600+ participants.
- Generated Rs. 2 lakh+ revenue and Rs. 1 lakh profit through strategic partnerships and digital campaigns.
- Coordinated “Cyber Save Hackathon” in collaboration with MP Police.

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