

Parv Daga

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[LinkedIn](#) | [GitHub](#)

Education

- **VIT Bhopal University**
Bachelor of Technology in Computer Science Engineering
Minor: Artificial Intelligence & Machine Learning
Expected Graduation: May 2026 | CGPA: 8.15/10
Relevant Coursework: Distributed Systems, Linux/Unix, Data Structures & Algorithms, Machine Learning, NLP
- **Advanced Academy**, Indore, Madhya Pradesh
CBSE 12th – 84% | June 2022
CBSE 10th – 87% | June 2020

Technical Skills

- **Languages:** Python, C++, JavaScript, Java
- **Web Development:** React.js, Node.js, Express.js, HTML, CSS, Tailwind CSS
- **Machine Learning & AI:** TensorFlow, Scikit-Learn, NumPy, Matplotlib, CNNs, RNNs, NLP, Prompt Engineering
- **Systems & Tools:** Git, VS Code, Langchain, n8n.io, Supabase, MongoDB
- **Operating Systems:** Linux/Unix, Windows
- **Databases:** MongoDB, SQL (Basic)
- **Cloud/DevOps:** Microservices, Web Scraping
- **Core CS:** Data Structures and Algorithms (DSA), Object-Oriented Programming (OOP), TCP/IP, Distributed Systems

Work Experience

AI & Full-Stack Developer Intern

Tuileip AI Solutions | Remote | Jan 2025 – March 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%

Projects

Travel Agency Payment Management System

Mar 2025 – Apr 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 (Ongoing)

- 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.

Plant Leaf Disease Detection (ML – CNN/SVM/RF)

Oct 2023 – Dec 2023

- 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.

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.

Extra Curriculars

President, Linux Club

VIT Bhopal | May 2024 – Present

- Led club strategy and managed AdvITYa 2024 & 2025 events with 600+ participants.
- Generated Rs. 2 lakh+ revenue and Rs. 1 lakh profit through strategic partnerships and digital campaigns.
- Served as Student Coordinator for Cyber Save Hackathon organized with MP Police.

Certifications

- Applied Machine Learning in Python – University of Michigan (Coursera), Dec 2023
- Introduction to Python – VITYarthi, May 2023
- Web Development – MyCaptain, June 2023

Achievements

- Full Stack Hackathon: Built a real-time chat app using MERN stack under mentorship.
- TCS IT Wiz – Secured 9th rank in Indore region

Additional

- Languages: English (Fluent), Hindi (Fluent)
- Interests: Open-source contributions, competitive programming, tech blogging