Parv Daga

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Bengaluru; Gurugram; Hyderabad; Mumbai; Pune (Preferred Locations) | [LinkedIn](http://linkedin.com/in/parv-daga) | [GitHub](https://github.com/Parvdaga)

**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, CI/CD Basics
* 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