

Hemant Parmar

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

Education

B. Tech. CSE:	VIT Bhopal University, Bhopal, M.P.	(July 2026)	GPA: 8.36/10
12th Standard:	Jawahar Navodaya Vidhyalaya, Sehore, M.P.	(July 2021)	Percentage: 84.4%
10th Standard:	Jawahar Navodaya Vidhyalaya, Sehore, M.P.	(May 2019)	Percentage: 92.4%

Projects

Pustak (Go, React, TypeScript, Docker, MongoDB) (October – November 2025)

- Created a book sharing platform which uses location based book suggestions.
- Role: Full-stack developer
- Designed REST APIs in Go enabling seamless communication between UI and backend microservices.
- Containerized the application using Docker, automated workflows with Makefile & shell scripts

EcoScan (React, FastAPI, TensorFlow) (February – May 2024)

- Developed an app to analyse crop images uploaded by users to detect if there is any disease in the plants.
- Role: Machine Learning and Backend Engineer
- Utilized convolutional neural networks and vision transformers to get up to 96% accuracy with potato crops and 89% accuracy with other crops.
- Created OpenAPI compliant backend which used a lightweight CNN model for faster responses.
- Led a team of 5 members to contribute in the design, testing and documentation of the project

Email Workflow Agent (Python, Streamlit, OAuth, Gemini API) (November – December 2025)

- Built a productivity agent using Python + Streamlit integrating Gmail OAuth for secure email access.
- Implemented custom prompting workflows using Gemini API for automated draft generation.
- Designed modular, well-documented backend with config management and role-based permissions.

Experience

Frontend Development Intern: Josh Technology Group, Gurgaon (July - October 2025)

- High-Performance Static Website (HTML, Sass, JavaScript)
 - Designed and developed a fully responsive website adhering to industry-grade standards.
 - Optimized for **performance, accessibility (ARIA, semantic structure), and keyboard navigation.**
 - Ensured cross-browser compatibility and scalable SCSS architecture.
- Component-Based Web Application (React, TypeScript, Material UI)
 - Built a modular and scalable UI with **reusable components and strict type safety.**
 - Implemented advanced accessibility, responsiveness, and **performance optimizations.**
 - Conducted **rigorous testing** to ensure reliability and maintainability.

Technical Skills

- **Programming Languages:** Python, Golang, Java, HTML, CSS, JavaScript, SQL, HTML5, CSS3
- **Frameworks:** Django, Flask, ReactJS, NodeJS, ExpressJS, TensorFlow, Kafka
- **Backend & Distributed Systems:** REST APIs, gRPC, Microservices, Caching, Message Queues (Kafka/SQS)
- **Databases:** MySQL, MongoDB, PostgreSQL, Redis
- **Technologies:** AWS (EC2, S3, Lambda, DynamoDB, CloudWatch), Docker, Linux, Git, GitHub, Postman
- **Concepts:** Operating Systems, Computer Networks, Database Management Systems, Distributed Systems.

Certifications/Training

- [AWS Solution Architect Associate Certification Program by Ethnus](#)
- [Marketing Analytics by IIT Kharagpur \(on NPTEL\)](#)
- [Cloud Computing by IIT Kharagpur \(on NPTEL\)](#)

Additional

- Solved 500+ DSA problems on Leetcode with 600+ active days and Contest rating of 1617+
- Soft Skills: Communication, Teamwork, Awareness, Patient, Problem-solving, Leadership