

ARPIT VERMA

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PROFESSIONAL SUMMARY

AI Product Builder and Full-Stack Developer with production experience shipping AI-driven applications. Co-founder of Biblio AI — an AI reading platform integrating Google Gemini API, dual-database backend(PostgreSQL + MongoDB), React.js AI chat agent, and a freemium subscription model. Skilled in REST API design, LLM integration, prompt engineering, ML pipeline development, and end-to-end deployment on Vercel and Railway.

TECHNICAL SKILLS

Languages	Python
Frameworks	React.js, Node.js, Express.js, REST API
AI / ML	Google Gemini API, TensorFlow, Keras, OpenCV, scikit-learn, LLM Integration, Prompt Engineering, MobileNetV2
Databases	PostgreSQL, Supabase, MongoDB Atlas, NoSQL
Data	Pandas, NumPy, Matplotlib, EDA, Feature Engineering, Supervised Learning, Jupyter
DevOps	GitHub, Vercel, Railway, Docker (basics), Cloudflare, Render, VS Code, Figma

EXPERIENCE

AI/ML Intern | Elevate Labs

Jun 2024 – Aug 2024

- Built end-to-end supervised ML pipelines (Python, scikit-learn, Pandas) with automated feature engineering — reducing manual data-cleaning effort by ~40% and accelerating model iteration across a 4-person team.
- Authored model performance reports and AI research documentation, contributing to 3+ evaluation summaries adopted in production decision-making.

Web Development Intern | Cipher Byte Technologies

Apr 2024 – Jun 2024

- Engineered a full-featured shoe e-commerce site (HTML, CSS, JavaScript) with product catalog, cart logic, and responsive UI — improving UX and reducing bounce-rate friction.

Web Development Intern | Octanet

Feb 2024 – Apr 2024

- Developed a pixel-perfect, fully responsive landing page following corporate design guidelines; delivered with zero revision cycles.

KEY PROJECTS

Biblio AI | Co-Founder & Full-Stack Developer

Jan 26– Present

- Architected a production AI reading platform with Google Gemini API, React.js AI chat agent, personalized book recommendations, and freemium tiers (Reader / Scholar / Author) — deployed on Vercel + Railway.
- Designed dual-database backend (Supabase PostgreSQL + MongoDB Atlas) with Express.js REST APIs, authentication, and subscription management. [Biblio-AI](#)

AI Business Outreach Automation | AI Automation — LLM + Email

2024

- Automated lead generation and personalized email outreach for 500+ prospects using Google Gemini API + OpenStreetMap — with rate limiting, duplicate prevention, and ~99% delivery reliability.

Face Mask Detection | AI / Computer Vision

2024

- Trained a real-time detection model (TensorFlow, Keras, MobileNetV2, OpenCV) achieving 94%+ accuracy on live video streams with sub-50ms inference latency.

Startup Portfolio Platform | Full-Stack

2024

- Delivered full-stack platform with admin dashboard, order management, and Nodemailer email integration — cutting manual ops overhead by ~60%.

See My Project: [Portfolio](#)

Delivery – Logistics Attendance System (MERN Stack)

Present

- Full-Stack Architecture: Developed a responsive React & Node.js application to digitize logistics attendance, utilizing MongoDB Atlas to securely store, manage, and query live vehicle entries.
- Analytics & Integrations: Built a passkey-protected admin dashboard featuring live metrics, dynamic multi-device network accessibility, automated Excel reporting, and seamless WhatsApp integration for instant notifications.
- See My Project: [Attendance Tracker](#)

EDUCATION

Bachelor of Computer Applications (BCA)

IMS Ghaziabad – CCS University | 2022–2025

12th Grade – CBSE | Completed 2023

10th Grade – CBSE | Completed 2021

CERTIFICATIONS

- Python for Data Science & AI — Coursera / IBM
- Machine Learning with Python — Coursera / IBM
- AI/ML Internship Certificate — Elevate Labs
- Project Management — HarvardX