Vansh Gurnani

Aspiring Backend Developer skilled in building scalable, API-driven systems using modern web technologies

GitHub: vanshgurnani   Jaipur, Rajasthan
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Education

MIT World Peace University, Pune   Aug 2021 – May 2025
B.Tech in Computer Science & Engineering | CGPA: 8.72

Jayshree Periwal High School   2019 – 2021
Class XII | CBSE | 87%

Neerja Modi School   2017 – 2019
Class X | CBSE | 92%

Experience

Backend Development Intern – Black Cherie Media   Jan 2024 – Dec 2024
Node.js | MongoDB | AWS | OAuth | JWT | CI/CD
– Built scalable REST APIs with Google/Apple OAuth and RBAC.
– Designed analytics endpoints for revenue, stats, leaderboards.
– Improved MongoDB performance by 40% using aggregation and indexing.
– Maintained 95% uptime and implemented CI/CD via Git.

Projects

Profit Pandit – Stock Trend Prediction
Flask | CNN | Gemini AI | OpenCV | Render
– Built AI platform with 100+ users for real-time stock & pet emotion prediction.
– CNN achieved 88.5% precision on candlestick image analysis.
– Used Gemini AI for market insights and sentiment interpretation.

Pet Emotion Detection Model API
TensorFlow | BiLSTM | Flask | Render
– Replaced 99% overfit Random Forest with BiLSTM (87% accuracy).
– Processed 1.2k+ physiological samples for IoT sensor integration.
– Deployed Flask API with <500ms response time.

Resume Extractor Telegram Bot
Gemini AI | OCR | HTML2PDF | Flask
– Used by 80+ users to extract structured data from PDF/DOCX/images.
– Auto-generated resumes with Playwright and Gemini-powered summaries.

Leadership & Involvement

Second Year Head – CSI, MIT-WPU   Aug 2022 – Mar 2023
Led events and coding contests at CSI, MIT-WPU.

Frontend Developer – Texephyr Techfest   Dec 2022 – Apr 2023
Developed event portal; optimized UX for 10k+ visitors.

Core Tech Member – CSI   Aug 2023 – Dec 2023
Organized tech workshops, hackathons, and mentoring.

Awards

• **Student Achievers Award (2024–25)** – MIT-WPU: Excellence in academics & patent contribution.

• **3rd Place – HACK-MITWPU** (Mar 2024): Deployed deep learning-based real-world solution.

Certifications

• **Data Science & Machine Learning** – Udemy (ID: UC-56bbfc5f...)

• **Data Visualization Using Python** – IBM SkillsBuild

• **Full Stack Web Development** – Udemy (ID: UC-b76b0bdf...)

Patents

- **A Method for Enhancing Emotional Communication Between Humans and Animals**
  App No: 202521038338 | Filed: Apr 21, 2025 | Issued: May 20, 2025 (India)

Technical Skills

- **Languages**: Python, JavaScript, HTML/CSS, SQL
- **Frameworks**: React.js, Flask, TensorFlow, Streamlit, OpenCV
- **Tools**: MongoDB, Git, AWS, Render, ThingSpeak
- **Domains**: ML, AI Agents, NLP, REST APIs, Image Processing