

Shyam Vyawahare

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Backend-focused Electronics & Computer Engineering student skilled in Python, Django, REST APIs, PostgreSQL, and AI/ML, with experience building scalable, production-oriented software solutions.

PROFESSIONAL EXPERIENCE

Eduspark & MHT CET

Mar 2026 – Apr 2026

Server Infrastructure Intern

Maharashtra

- Managed mission-critical server infrastructure and database operations for MHT-CET examinations across 5+ centers in Maharashtra, ensuring seamless, secure, and uninterrupted exam execution.

Perpex

Jul 2025 – Oct 2025

Django Developer

Remote

- Built and optimized REST APIs using Django REST Framework, improving backend efficiency for web applications.
- Developed responsive UI templates and streamlined data management using Django Admin and PostgreSQL.

PROJECTS

[Bioscrap-Official-Website](#) / *HTML, CSS, JavaScript, TypeScript, Git, GitHub*

- Built a live sustainability-focused web platform supporting end-to-end scrap collection workflows for a startup.
- Optimized frontend performance, improving estimated page load efficiency by ~30%.

[Django-based Restaurant Management System](#) / *Python, Django, Django REST Framework, PostgreSQL*

- Engineered a restaurant management system integrating authentication, order processing, and menu workflows.
- Created scalable REST APIs using Django REST Framework for modular backend integration.

[Morphed Image Detector](#) / *Python, Machine Learning, TensorFlow, Computer Vision*

- Designed a CNN-driven facial forensics model for high-accuracy detection of morphed facial images.
- Implemented TensorFlow-based real-time image analysis for identity verification workflows.

[AI Healthcare Chatbot](#) / *Python, FastAPI, Machine Learning, LLMs, API Architecture*

- Engineered an AI healthcare chatbot using ML and LLMs for real-time symptom-based assistance.
- Developed a scalable API-driven healthcare system for real-time query handling.

TECHNICAL SKILLS

Programming Languages: Python, Java, JavaScript, TypeScript, HTML5, CSS3

Frameworks & Technologies: Django, Django REST Framework, FastAPI, REST APIs

Databases: PostgreSQL, MySQL, MongoDB

AI/ML & Core Domains: Machine Learning, Deep Learning, Computer Vision, IoT, Embedded Systems

Tools, Cloud & DevOps: Git, GitHub, Docker, CI/CD, DevOps

Core Competencies: API Development, Backend Development, Responsive UI Development

CERTIFICATIONS

Data Analytics Job Simulation (Forage), AI Beginners (Simplilearn), Java Assessment (LearnTube)

AWARDS & HONORS

ByteFest2k25 Triple-Track Winner — MBE Society's College of Engineering, Ambajogai

Jun 2025

EDUCATION

MBE Society's College of Engineering

Ambajogai

B.Tech - Electronics & Computer Engineering (Affiliated to DBATU University) · GPA: 8.67 Sep 2022 – Jul 2026