

VAIBHAV SINGH

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EXPERIENCE

Gigstryk Entertainment Private Ltd [↗](#)

July 2025 – Present

Backend Developer

Bengaluru, India

- Modularized backend architecture to improve maintainability, scalability, and development velocity, and optimized Postman workflows for API collaboration.
- Strengthened application security by implementing authentication controls, payment validation logic, and access management practices.
- Integrated **Interakt APIs and Webhooks** for real-time messaging and **Juspay Payment Gateway** for transaction processing, along with slot booking and media management modules using **AWS S3**.
- Refactored database design using **PostgreSQL** and developed RESTful services with Swagger documentation for backend integration.
- Deployed backend services on **AWS EC2** using **Nginx** and **Gunicorn**, configuring production environments and ensuring high availability.

Ducis Management Consulting Private Ltd [↗](#)

June 2023 – July 2023

Software Engineer

Delhi, India

- Conducted User Acceptance Testing (UAT) for a Learning Management System during beta rollout to validate business requirements.
- Prepared test cases and tracked defects using bug-tracking tools to enhance system reliability.
- Collaborated with developers and product teams to prioritize fixes and ensure timely delivery.

EDUCATION

I.K Gujral Punjab Technical University

2021 – 2025

B.Tech - Computer Science and Engineering - CGPA - 7.8/10

Jalandhar, Punjab

PROJECTS

Medical Counselling Center [↗](#) | Django, PostgreSQL, Razorpay, Gunicorn, Nginx

2025 – 2026

- Built a full-stack counselling platform for fee collection, order tracking, and mentorship applications using **Django** and **PostgreSQL**.
- Implemented OTP-based email authentication using Gmail SMTP with rate limiting for security.
- Integrated **Razorpay payments** with webhook verification for automated order processing.
- Developed coupon system and admin dashboard for managing applications and transactions.
- Deployed on **Hostinger VPS (Ubuntu 22.04)** with **Nginx**, **Gunicorn**, **SSL (Certbot)**, and environment-based configuration.
- Configured SEO using sitemap generation and Google Search Console verification.

Unibook [↗](#) | GUI Application – Bootstrap, Authentication, SQLite, Django

2024 – 2025

- Developed a GUI-based platform for student book exchange using Django and Bootstrap.
- Implemented search and filtering features for subject, author, and price-based queries.
- Designed secure authentication and profile management workflows.

TECHNICAL SKILLS

Languages: C/C++, Python, JavaScript

Technologies & Databases: HTML5, CSS3, Bootstrap, MySQL, PostgreSQL

Frameworks & Libraries: Django, Django REST Framework

Tools & Platforms: AWS EC2, AWS S3, Nginx, Gunicorn, Linux, Postman, Juspay, Interakt, Razorpay

Coding Profiles: LeetCode, HackerRank

ACHIEVEMENTS

- Earned a certificate in Cascading Style Sheets from HackerRank.
- Solved 100+ problems on LeetCode, improving Data Structures and Algorithms skills.