

# SHASHANK PANDEY

+91-9415847656 ◇ Lucknow, India

[contact.shashankpandey04@gmail.com](mailto:contact.shashankpandey04@gmail.com) ◇ [linkedin.com/in/shashankpandey04](https://linkedin.com/in/shashankpandey04) ◇ [shashankpandey04.github.io](https://shashankpandey04.github.io)

## ABOUT

---

Software Developer specializing in backend systems and API-driven platforms. Designed and operated production services involving authentication, payments, and role-based access control for 50k+ registered users. Handled real-world abuse incidents and reliability challenges using Cloudflare protections and automated validation workflows with zero-downtime CI/CD on Linux systems.

## EDUCATION

---

**B.Tech in Computer Science and Engineering**, Lovely Professional University 2023 – 2027 (Expected)  
CGPA: 7.46

Core Focus Areas: Backend Systems, API Design, Databases, Operating Systems, Computer Networks

## SKILLS

---

<b>Programming Languages</b>	Python, C/C++, Java (academic), PHP
<b>Backend</b>	Flask, FastAPI, Node.js, Express.js – REST APIs, authentication, RBAC
<b>Frontend</b>	React, Redux, Svelte, HTML, CSS
<b>Databases</b>	MongoDB, PostgreSQL, MySQL
<b>Testing &amp; DevOps</b>	API testing with Postman and Python, Docker

## EXPERIENCE

---

**Backend Developer – Client Systems (Freelance)** 2025 - Ongoing  
*FounDev Studio*

- Built backend services using Python (Flask, FastAPI) and Node.js for three paid, live business systems involving authentication and payments.
- Implemented RBAC, dashboards, and payment workflows integrated with React frontends using Redux Toolkit.
- Validated authentication, RBAC, and abuse-sensitive routes using automated API tests integrated into CI pipelines.

**AWS Cloud Captain** Feb 2025 – Present  
AWS Cloud Club at Lovely Professional University

- Conducted 4+ technical workshops impacting 1k+ students on backend systems, cloud fundamentals, and deployment workflows.
- Built and demonstrated hands-on projects and repositories to teach real-world application deployment and architecture.

## PROJECTS

---

**Campus Operational Platform** ([awsipu.in](https://awsipu.in))

- Designed and operated a production platform with authentication, RBAC, and payment processing for student-facing workflows.
- Integrated Cashfree for secure transactions with automated receipt handling and operational reliability during peak usage.

**Automation & Access Control System** ([cyni.quprdigital.tk](https://cyni.quprdigital.tk))

- Architected distributed backend services with async jobs, session-based access, and optimizations supporting 50k+ registered users.