Akash Sharma

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Skills

- **Languages**: Python, java, C++, PHP, JavaScript, HTML, CSS,
- **Frameworks**: Django REST Framework, Next.js, Angular
- **Tools**: GIT, PostgreSQL, Linux, Ansible, Amazon Web Services
- **Soft Skills**: Teamwork, Time Management, Project Management, Adaptability

Projects

Shop-Sphere   Oct 2024 — Dec 2024

- Architected an E-commerce backend using Django and PostgreSQL, implementing Redis caching to accelerate response times and enhance scalability.
- Integrated OTP-based authentication, reinforcing security and ensuring seamless user verification for a frictionless shopping experience.
- Designed and executed comprehensive unit tests and stress testing, optimizing database performance and fortifying system reliability under high traffic loads.

Tech Stack: Django, PostgreSQL, Redis (Cache & Message Broker)

GymZoid   Sep 2023 — Oct 2023

- Developed a responsive static website for a gym, optimizing for desktop platforms.
- Designed and implemented user-friendly pages showcasing gym services, schedules, and trainer profiles.
- Utilized HTML and CSS to create a visually appealing and easy-to-navigate website.

Tech Stack: HTML, CSS

Electronic Bus-Ticket Reservation   Aug 2022 — Sep 2022

- Developed a terminal-based Bus Ticket Generator allowing users to view and manage bus seat reservations in real-time.
- Implemented seat booking functionality with a visual representation of seat availability directly on the terminal interface.
- Streamlined user interface for efficient bus seat booking and real-time seat status updates, enhancing the overall user experience.

Tech Stack: C

Certificates

- **Social Networks** – NPTEL   **Nov 2024**
- **AWS Certified Cloud Practitioner** – LinkedIn   **Dec 2023**
- **Learning Cloud Computing: Core Concepts** – LinkedIn   **Oct 2022**
- **A Beginner's Guide To Public Cloud** – LinkedIn   **Sep 2022**

Education

Lovely Professional University, Punjab   **Aug 2022 — present**
B.Tech – Computer Science

R.P.M Senior Secondary School, Uttarpradesh   **Jul 2019 — Apr 2021**

Achievements

- Master League in Code360
- Leetcode 50 Days Badge '24