

Ashparsh Pandey

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Experience

Frontend Developer (Freelance) - [off-campus.in](#)

Dec 2024 - Feb 2025

- Developed and shipped the frontend for an internship platform, helping 20+ students secure offers at Cars24, Zomato, and other firms.
- Planned UI layouts and visual flow, cutting design overhead by 25-30% and streamlining collaboration across developers.
- Leveraged schemaless NoSQL databases for evolving needs, accelerating development cycles by 30-40% and reducing rework effort.

Technical Intern - [Layer5.io](#)

Jul 2024 - Sep 2024

- Fixed frontend issues across multiple projects, improving page load time and local setup speed for developers by 40%.
- Managed 3 Slack channels with 6000+ members, ensuring 100% query resolution within 24 hours through structured workflows.
- Reviewed 20+ pull requests and mentored 15+ newcomers, doubling contributor activity and strengthening project onboarding.
- Received an Internship Award for impactful contributions, community management, and overall commitment to project goals.

Open Source Contributor - [Layer5.io](#)

Nov 2023 - Jul 2024

- Migrated the project from Gatsby v4 to v5 with React 18, improving build speed by 35% and developer experience overall.
- Contributed 25+ pull requests across features and docs, while managing 50+ issues and guiding contributors to resolution.

Projects

Movie Management Platform ([GitHub](#))

Jun - Aug 2025

- Built a full-stack app with Go (REST/GraphQL APIs) and React for managing movies, genres, and users.
- Implemented secure authentication, PostgreSQL integration, and reusable UI components.
- Gained experience in Docker, modular code architecture, and end-to-end development.

GoStripe Payment Platform ([GitHub](#))

Mar - Apr 2025

- Implemented a microservices-based payment system in Go with subscriptions and one-time purchases through the Stripe API backend.
- Added secure authentication with bcrypt and JWT, plus MySQL session storage, ensuring safe and reliable transactions.

Bookings Hotel Reservation System ([Live Demo](#) | [GitHub](#))

Apr - May 2025

- Developed a booking workflow with availability check, room selection, and admin dashboard for smooth hotel management.
- Created a visual reservation calendar that reduced manual scheduling time by 99% and improved tracking efficiency.

HustleX Productivity Platform ([Live Demo](#) | [GitHub](#))

Feb - Apr 2025

- Created a productivity suite with 6 modular tools, including skill management, time tracking, and timetable planning.
- Improved UI responsiveness using React hooks and Context API, reducing code repetition by 15% across components.

ChronoSpace Blogging Platform ([Live Demo](#) | [GitHub](#))

Aug - Nov 2024

- Designed and developed a role-based blogging platform with dashboards for users, bloggers, and admins, plus an advanced Markdown editor.
- Integrated JWT + Google OAuth for authentication and AWS S3 for storage, boosting security and scalability.

Technical Skills

- Languages:** Go, C, C++, Java, Python, JavaScript, TypeScript
- Frontend:** HTML, CSS, React, Next.js, Tailwind CSS, Redux, Jest, Framer Motion
- Backend & APIs:** Node.js, Express.js, Microservices, REST APIs, GraphQL, WebSockets, WebRTC, gRPC
- Caching, Messaging & Security:** Redis, RabbitMQ, Kafka, OAuth2, JWT, TLS/HTTPS
- Testing & Observability:** Profiling, Prometheus, Grafana, OpenTelemetry, Kibana, Logstash
- Databases & Networking:** PostgreSQL, MySQL, MongoDB, Vector databases, TCP/IP, DNS, HTTP/1.1-3, NGINX
- AI & LLMs:** Prompt Engineering, Transformers, RAG, LangChain, LangGraph, OpenAI & Gemini APIs, Hugging Face, Ollama, MCP
- Systems & DevOps:** Linux, Operating Systems, Docker, Kubernetes, AWS, Git/GitHub, Makefile

Education

Lovely Professional University, Phagwara, Punjab

2022 - 2026

B.Tech in Computer Science and Engineering

CGPA: 7.1/10 (Current)