

Ashparsh Pandey

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Education

B.Tech in Computer Science and Engineering

2022 – 2026

Lovely Professional University, Phagwara, Punjab

Skills

- **Programming Languages:** Python, Go, Java, C, C++
- **Web Development:** React, Next.js, Node.js, HTML, CSS, JavaScript, Gatsby, Django, MongoDB, PostgreSQL
- **DevOps:** Docker, Kubernetes, Git, GitHub, Helm, Service Mesh
- **Data Structures and Algorithms**

Experience

Technical Intern & Community Manager

Layer5, July 2024 - September 2024

- Engaged the community through **events**, **discussions**, and **collaborative initiatives**.
- **Managed communication channels** and onboarded new contributors, ensuring smooth integration.
- Organized **meetings and workshops**, and prepared accurate meeting documentation.
- Conducted **PR reviews**, managed **coding workflows**, and supported contributors with technical challenges.
- Maintained **documentation** to streamline contributions and support the community.

Open Source Contributor

Layer5, since November 2023

- Enhanced **frontend development** and **UI** for Layer5 projects, worked on upgrading from **Gatsby v4 to v5**.
- Contributed to high-quality code through **GitHub PR reviews** and discussions.
- Improved **project documentation** and engaged with the **open-source community** for collaboration.
- Successfully merged a significant number of **pull requests**, contributing extensively to the project's codebase.

Personal Projects

ChronoSpace

chronospace.netlify.app

- Developed a blogging platform with **JWT** and **Google OAuth** authentication, and **role-based authorization**.
- Integrated **AWS S3** for scalable image storage, and built **RESTful APIs** for blogs, profiles, and comments.
- Created **nested comments/replies** with **real-time notifications** for engagement actions.
- Enhanced API performance with **pagination**, **dynamic filtering**, and **MongoDB aggregation pipelines**.
- Used **TailwindCSS** and **React** for responsive UI, focusing on security and real-time updates.

MediaFlow

github.com/Ashparshp/MediaFlow

- Developed a backend project resembling YouTube using Node.js and Express.js.
- Implemented authentication with JWT and bcrypt, integrated Cloudinary for media storage.
- Utilized MongoDB with Mongoose for data persistence, designed RESTful APIs.

Library Management System

github.com/Ashparshp/LibraryReactGo

- Built a library management system using Golang (Gin, GORM), React, PostgreSQL, and MongoDB Atlas.
- Designed and implemented RESTful APIs for seamless frontend-backend communication.
- Managed data persistence with PostgreSQL and MongoDB, ensuring efficient data handling.