

Prerna Jain

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PROFESSIONAL SUMMARY

Backend Developer with 2+ years of experience in building and scaling web applications using **Python, Django, and Flask**. Proficient in **RESTful API design, PostgreSQL, AWS, and system optimization**. Skilled at improving backend performance, writing clean, modular code, and automating deployments to deliver fast, secure, and reliable systems.

SKILLS

- Languages: Python, JavaScript
- Frameworks: Django, Flask, Node.js, Express.js, React.js
- Database: PostgreSQL, MySQL, MongoDB
- DevOps: AWS (S3, EC2), Git
- **Core Skills:** REST API Design, Microservices, Authentication/Authorization, Query Optimization, ORM, Unit Testing

WORK EXPERIENCE

JUNIOR SOFTWARE DEVELOPER — PLURAL CODE TECHNOLOGIES

Oct 2024 – Present

- Developed & optimized **Django REST APIs**, improving response time by **30%**.
- Integrated **Node.js & React frontends** for 3+ live projects.
- Managed **AWS S3 & PostgreSQL infrastructure** for deployment automation.
- Enhanced team delivery by **20%** using modular API architecture.

Python Developer(Flask) — Swipeconnect Technologies

Oct 2023 – Sep 2024

- Built scalable **Flask APIs** with real-time frontend integration.
- Created **data scraping tools** with Selenium & BeautifulSoup for 1000+ records/week.
- Improved system efficiency by **20%** with a modular design.

Software Intern — Extern Labs Private Limited

Mar 2023 – Aug 2023

- Developed backend modules in PHP and automated test flows to improve efficiency.
- Integrated REST APIs with ReactJS, ensuring seamless and consistent data flow across the stack..
- Learned and implemented version control (Git) and worked in a collaborative team environment using tools like GitHub.
- Built basic UI components using ReactJS and styled them with CSS/Bootstrap, ensuring a responsive and clean design.

EDUCATION

Jodhpur Institute of Design and Technology.

JUL 2019 – JUN 2023

Course: Bachelor of Technology – Machine Learning and Computing

PROJECTS

The Requal Project - Real Estate Platform

- Developed property portal (Node.js, PostgreSQL) with secure KYC, advanced search filters, and automated approval workflows.
- Enabled dynamic blogs, SEO-optimized content, and transactional emails for better user engagement.

Athena Behavioral Health - Patient Management System

- Developed a role-based system (Python, Django) for Admins, Super Admins, and Psychiatrists.
- Designed consultation tracking and automated patient progress monitoring.
- Integrated PostgreSQL for scalable data storage & reporting, ensuring high data integrity.

AstroTalk Platform - Astrology Services Application

- Built a 3-panel system (Administrator, Astrologer, User) using Django backend and PostgreSQL
- Developed APIs for all operations; frontend handled separately by the team.
- Administrator panel: manage astrologers, users, products, and system access
- Astrologer panel: manage personal services, products (malas, stones), and sessions