

Pranil Shrestha

Software Developer | Cybersecurity Enthusiast

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PROFILE

Full-Stack Developer skilled in Python, Django, and the MERN stack. Passionate about scalable applications and cybersecurity. Proven leader in delivering secure and efficient software solutions.

PROFESSIONAL EXPERIENCE

Geek Tech Solutions, Backend Developer 🌐 Dec 2024 – present

- Responsible for creating cafe POS system and maintaining scalability.
- Implement and refactor code to fit scalable and efficient design, reducing requests to the database by 40%.
- Implemented a Caching System in **Redis** and **Docker** for containerization.

Yuwasoft, Full Stack Developer Sep 2023 – Dec 2024 | Kathmandu, Nepal

- Responsible for MERN (MySQL) and Python **Django** with expertise in building RESTful APIs.
- Developed backend systems with MERN and Django, reducing response times by 20%.
- Optimized database queries, improving application performance by 20%.

Enigma DTS, Junior Developer Jan 2024 – Jul 2024 | Bhaktapur, Nepal

- Created responsive, reusable **React** components, improving UI consistency and performance.
- Enhanced backend efficiency using Golang, resulting in faster data processing.

SKILLS

Backend: Django, Django REST, Django Channels, NodeJS, Express, Flask, Gin(Golang), GORM

Frontend: React, Typescript, Javascript, Jinja Templating, React Router, Zustand, Socket

Tools: Git, Docker, JWT, GitHub Workflows, Redis, Jira

Database: MySQL, PostgreSQL, Oracle

Soft Skills: Leadership, Communication, Self-learning, Agile methodologies

Data: Pandas, Matplotlib, Numpy, Scikit-Learn

PROJECTS

CourseNotes May 2024 – present

- Built REST APIs with Django and React, enhancing data exchange efficiency.
- Secured application with JWT, ensuring reliable authentication.
- Set up Docker for streamlined testing and deployment, reducing setup time.

ShareSansarDataScrape 🌐 Mar 2024 – present

- Created a **Scrapy**-based tool for daily market data collection, automating updates for timely insights.
- Integrated **GitHub Workflows**, ensuring consistent and accurate data updates.

EDUCATION

Bachelors in Computer Application, Samriddhi College 2022 – present

AWARDS

1st Runner-Up Intra College Hackathon, Samriddhi College 03 Sep 2024

REFERENCES

Arun Khatri, Technical Recruiter, Jaamun Tech