

SUMAN PHUYAL

+977-9861840424 | sfuyal59@gmail.com | linkedin.com/in/suman-phuyal | github.com/suman03-en
Roll No.: Tha079bei042 | Institute of Engineering, Thapathali Campus

SUMMARY

Electronics, Communication, and Information Engineering student with a strong foundation in backend development using Python, Django, and PostgreSQL. Experienced in building scalable REST APIs and real-time systems. Actively expanding expertise in Machine Learning and data-driven application development.

EDUCATION

Bachelor in Electronics, Communication and Information Engineering <i>Institute of Engineering, Thapathali Campus</i>	Kathmandu, Nepal 2023 – 2027 (Expected)
Higher Secondary (+2 Science) <i>Xavier International College</i> CGPA: 3.67	Kathmandu, Nepal 2021 – 2023
Secondary Education Examination <i>Triyuga English Medium Secondary School</i> CGPA: 4.00	Udayapur, Nepal 2021

EXPERIENCE

Python Developer Intern <i>ITtogether.com.au</i>	Remote – Australia 2025 (1 Month)
- Developed and delivered a software application using Django as the primary backend framework, following industry practices for project structure and code quality. - Built and integrated REST APIs to support core application features, handling data models, business logic, and database interactions with PostgreSQL. - Collaborated with the team in a remote environment, participating in code reviews and iterating on features based on feedback.	

PROJECTS

ConnectHub – Social Networking Platform <i>Django, Django Channels, Redis, Docker, PostgreSQL</i>	Active
- Built a full-featured social platform with real-time chat, user profiles, and a follow/unfollow system. - Implemented WebSocket-based asynchronous communication using Django Channels and optimized database queries for performance at scale.	
Gradus – Internal Marks Evaluation System <i>Live Link</i> <i>Django, PostgreSQL, REST API, React</i>	Active
- Developed a classroom management system enabling teachers to assign and grade tasks, assignments, and reports, with real-time progress tracking per student. - Designed a role-based access system where students can view their grades and submissions while teachers manage evaluations through a structured dashboard.	
Custom Web Server <i>Python, Sockets, RegEx</i>	2024
- Built an HTTP parser from scratch and implemented a configuration file tokenizer with a custom lexer. - Gained deep understanding of low-level networking, socket programming, and HTTP protocol handling.	

TECHNICAL SKILLS

Languages: C, C++, Python, JavaScript, SQL, HTML, CSS
Frameworks and Libraries: Django, Django REST Framework, Django Channels, Celery, NumPy, Pandas, Matplotlib
Tools and Databases: Git, GitHub, Docker, VS Code, PostgreSQL, Redis
Interests: Backend Engineering, Scalable Systems, Machine Learning, Data Science

ACHIEVEMENTS

- Department Topper:** Achieved the highest marks in the Fourth Semester with a score of **89%** (2025).
- Golden Jubilee Scholarship:** Awarded by the **Embassy of India**, Kathmandu, for academic excellence; selected as one of the top merit-based scholars in Nepal (2023).