

AMAN SHRESTHA

ORCHID INTERNATIONAL COLLEGE, KATHMANDU, NEPAL, amanshres007@gmail.com
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Education

Tribhuvan University – Kathmandu, Nepal
Bachelor in Information Management

Completed: 2019-2023

Summary/Objective Statement

Dynamic and skilled Backend Developer with over a year of experience and a proven track record of crafting robust APIs, enhancing system scalability, and cultivating collaborative teamwork to drive innovative solutions. A tech enthusiast armed with a comprehensive skill set in software engineering and system optimization, always eager to push boundaries and explore new horizons in the digital landscape.

Significant Coursework

Object Oriented Programming	Artificial Intelligence	Computer Security	Computer Organization
Discrete Mathematics	Data Structures & Algorithm	Database Management System	Web Programming
Software Engineering	Computer Graphics	Advanced Internet Working	Management Information System
Structured Programming	Digital Logic Design	Object Oriented Analysis and Design	

Technical Skills

Programming: Python, Django, DRF, JavaScript, Ajax, C, Java, PHP	Services: Cloud, Auth0 by Okta, Google APIs
Databases: PostgreSQL, Oracle, MariaDB/ MySQL, SQL Server	Security: JWT, Token Authentication, OAuth2.0
Tools: Office 365, Visual Studio, JupyterLab, VirtualBox, Cisco Packet Tracer, MySQL Workbench, Postman, SOAP UI, JIRA, XAMPP, GIT/GitHub	Other Skills: Linux, Docker, Celery/Redis, RESTful APIs, HTML/CSS/Bootstrap, Nginx, Unit Test, Scripting

Work Experience

Backend Developer, Khalti, Bakhundole, Lalitpur ([link](#))

May 2023-Present

- Developed Robust APIs Adhering to Industry Best Practices, enhancing system scalability and reliability.
- Worked on critical services responsible for over 60% of the product at Khalti Digital Wallet.
- Worked with various clients where our platform acted as a Central Banking System for them.
- Integrated various third-party services such as Remittance Services, Cooperatives, Nepse TMS, etc.
- Delivered Comprehensive Documentation and Test Cases.
- Ensured reliability, security, and performance of backend systems through efficient coding practices, optimization, and monitoring.
- Ability to work effectively within a team and across functions, fostering clear communication and teamwork.
- Applied a problem-solving mindset to tackle complex challenges, optimizing system performance and contributing to the development of innovative fintech solutions.

Projects	2021-24 (Time Period)
Network Monitoring SaaS – Freelancing (link) <ul style="list-style-type: none">Worked on a network monitoring SaaS for an Australian company, Pulseee, offering keyword monitoring, ping monitoring, socket monitoring, port surveillance, etc Technologies Used: Python, Django/DRF, PostgreSQL, Linux, Docker, Redis, Celery, Cloud	2024
QR/Bar Code Based Data Printing Software – Full Stack Web Development (link) <ul style="list-style-type: none">Developed QR/Bar Code based data printing SaaS for various layouts of Oddy Label sheets. Technologies used: Python, Django, TailwindCSS/Bootstrap/JS, PostgreSQL, Linux, Khalti Payment Gateway	2023
AgriTech – Full Stack Web Development <ul style="list-style-type: none">Assisted developing crowdfunding web app for the Agro-Industry, serving as a platform for farmers and investors to collaborate. Technologies used: Python, Django, JavaScript, PostgreSQL, AJAX, Bootstrap/CDN, Google API / Khalti Payment Gateway	2023
Veterinary Ecommerce – Full Stack Web Development <ul style="list-style-type: none">Developed an e-commerce project for a veterinary shop. Technologies used: Python, Django, JavaScript, PostgreSQL, AJAX, Bootstrap/CDN, Razorpay Payment Gateway	2022
Instant Messaging Social Media Platform- Full stack development <ul style="list-style-type: none">Developed a project similar to Discord, offering users the ability to create accounts, form individual chats, and join various group chats for text messaging. It was just my hobby project exploring ideas and concepts on how to make a social web app. Technologies used: Python, Django, JavaScript, Bootstrap/CDN, db.sqlite3	2021
Certifications	
Programming Essentials in Python, Python Institute/ 2023 (verify)	2020
Introduction to Cyber Security, 2022(verify)	2020
REFERENCE Subit Raj Pokhrel (VP of Engineering at Khalti , rajsubit@khalti.com) Arvind Sah(Co-Founder and Director at Khalti , arvind@janakitech.com) Diwakar Upadhyaya (DevOps / linkedin.com/in/diwakar-upadhyaya-b11559107/)	