



Kushal Kandel

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Gender: Male **Date of birth**: 27/12/1999 **Nationality**: Nepalese

ABOUT ME

I am Kushal Kandel, a highly motivated and skilled Computer Engineering graduate with a strong foundation in computer science principles. My specialization lies in Python development. I am constantly seeking to expand my knowledge and stay up-to-date with the latest technologies in the field. I take pride in my ability to learn quickly and adapt to new challenges, making me an asset to any team. My skill set covers a variety of areas, including time management, software development, following good code architecture, data engineering, and cloud services and effective communication skills.

WORK EXPERIENCE

[20/05/2023 – Current]

Python Developer

Evolution Technologies

City: Lalitpur | **Country**: Nepal

- Developed, tested, and deployed Python-based applications, ensuring high performance and responsiveness.
- Designed and implemented scalable solutions for data processing and analysis using Python libraries like Pandas, NumPy, and Matplotlib.
- Automated repetitive tasks and improved workflow efficiency by scripting with Python.
- Collaborated with cross-functional teams to gather project requirements, troubleshoot issues, and deliver tailored solutions.
- Optimized existing codebases by enhancing performance and reducing technical debt.
- Built RESTful APIs and integrated third-party services to extend application functionality.
- Maintained thorough documentation for code, APIs, and system designs to streamline future development efforts.
- Conducted code reviews and provided constructive feedback to ensure adherence to best practices.

[06/12/2022 – 05/02/2023]

Python Developer Intern

Code In Nepal

- Integrated AI algorithms for sentiment analysis into existing applications, allowing for better user insights and targeted marketing.
- Used machine learning models to analyze large datasets and predict customer purchasing behaviors, collaborating closely with the data science team to ensure high accuracy and performance.

EDUCATION AND TRAINING

[2017 – 2022]

Bachelors degree in Computer Engineering

Kantipur Engineering College <https://kec.edu.np/>

City: Dhapakhel | **Country**: Nepal

[02/03/2015 – 01/04/2017]

High School Degree in Computer Science

Tilottama Higher Secondary School

City: Butwal | **Country:** Nepal | | **Level in EQF:** EQF level 5

[03/03/2003 – 01/04/2015] **Junior High School Degree**

Galaxy English Boarding High School

City: Rupandehi | **Country:** Nepal | | **Level in EQF:** EQF level 4

[2022] **QA Training**

Tech Axis Pvt. Ltd

City: Kathmandu | **Country:** Nepal |

Link: https://drive.google.com/file/d/197vObS6sbnJDlib9ttnkKIGNzCgIx_59/view?ts=6704f8cc

Completed training in Quality Assurance, focusing on testing methodologies, bug tracking, and ensuring software quality. Developed skills in creating test plans, executing tests, and collaborating with development teams to enhance product reliability.

LANGUAGE SKILLS

Mother tongue(s): Nepali

Other language(s):

German

LISTENING A2 **READING** A2 **WRITING** A2

SPOKEN PRODUCTION A2 **SPOKEN INTERACTION** A2

English

LISTENING B2 **READING** B2 **WRITING** B2

SPOKEN PRODUCTION B2 **SPOKEN INTERACTION** B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

My Digital Skills

Python | Django | MySQL | Microsoft Excel | C++ | Numpy | matplotlib | OOPs | Pandas

NETWORKS AND MEMBERSHIPS

Bayern Nepal – Active Member Nepal

Dedicated member of Bayern Nepal, actively participating in community initiatives and events. Passionate about supporting FC Bayern Munich and contributing to the growth of a strong fan network in Nepal. Engaged in promoting collaboration and camaraderie among fellow fans.

PROJECTS

Automated Credit Information Processing | Automation and Data Processing | Python-Selenium

- Designed and implemented an automated system to process user requests from the Smart Credit application, significantly enhancing operational efficiency.
- Utilized Selenium to automate interactions with the Credit Information Bureau (CIB) of Nepal web application, retrieving and processing relevant credit data.

Automated IPS/RTGS Processing | Transaction Automation | PHP- Python-Selenium

- Developed and deployed an automated system for processing IPS/RTGS transactions, enhancing data accuracy and operational efficiency through robotic process automation.
- Designed a verification workflow where data submitted by maker users is reviewed and verified by central operation (checker users).

Stock Price Notifier | Web Application | Flask Web framework

- Leveraged the flask framework for robust web application development, enabling smooth integration of frontend and backend components. This choice enhances scalability and maintainability.
- Real-Time Alerts-Enables usersto receive immediate notifications when stock prices meet predefined thresholds.

Guardian | Web Application | Django Web framework

- It is a web application that acts as a hub for pharmacists, counselors, and their customers.
- Implementation of custom user model, Google APIs, PayPal Payment Integration, and much more.

[2021 – 2022] Final Year Project Thesis

In our final year project, we developed a comprehensive Transportation System Service specifically designed for grocery carts using Genetic Algorithm. The aim of this project was to enhance the efficiency and convenience of grocery shopping by integrating a smart transportation solution that addresses common challenges faced by shoppers.

Link: https://drive.google.com/file/d/1_my10DQGf5OCVaFmc5s6caiXk2EnDBY/view?ts=67089bbd

HONOURS AND AWARDS

Mahatma Gandhi Academic Excellence Award Awarding institution: Indian Embassy

Received a prestigious award and a cash prize of 48,000 NPR for outstanding performance in the School Leaving Certificate (SLC) examination, achieving 87.50%.

Football Co-ordinator (Girls) Awarding institution: Kantipur Engineering College

Received a certificate for coordinating the girls' football team. Managed training sessions, organized team activities, and ensured good communication between players and coaches

Link: <https://drive.google.com/file/d/1F3Y4keZjiWT6CvFNbxn9ZnGCn13nKbkK/view?ts=6704f92b>