

Bishwa Thakuri

Toronto, ON M1J 0B2 | 647-5539089 | bishwa.thakuri1320@gmail.com

<https://bishwathakuri.com.np/> | www.linkedin.com/in/bishwa-thakuri

Professional Summary

Dynamic Full-Stack Developer with over 2 years of experience developing and maintaining robust web applications and APIs using PHP (Laravel) and JavaScript. Enthusiastically expanding expertise in Artificial Intelligence and Machine Learning to apply innovative solutions in fintech, e-commerce, and healthcare. Adept at problem-solving in fast-paced environments.

Skills

- **Programming Languages:** Java, Python, PHP, JavaScript
- **Web Development:** HTML, CSS, Laravel, Django, React
- **Databases:** MySQL, Oracle DB
- **Development Tools:** Git, SVN, Postman, Jira
- **Machine Learning:** TensorFlow, Sklearn, Pandas

Professional Experience

JUNIOR FULL STACK DEVELOPER

F1Soft International Pvt. Ltd. - Lalitpur, Nepal

12/2022 - 04/2024

- Spearheaded full-stack development projects, optimizing website performance by up to 20%.
- Collaborated with cross-functional teams to design and implement user-centric applications.
- Led the entire software lifecycle from conception to deployment, ensuring seamless integration and performance.
- Exposure: Real-time client project, solo handling of a project, Laravel code structure, team collaboration, CMS, HTML/CSS, PHP, and Bootstrap practice.

JUNIOR FULL STACK DEVELOPER

Feat International Pvt. Ltd. - Lalitpur, Nepal

07/2022 - 12/2022

- Delivered scalable web applications, enhancing performance by optimizing database queries.
- Worked closely with design teams to ensure user experience and visual design consistency.
- Developed and maintained efficient code structures, fostering maintainability and scalability.
- Exposure: Real-time client project, solo handling of a project, Laravel code structure, team collaboration, CMS, HTML/CSS, PHP, and Bootstrap practice.

LARAVEL BACKEND BOOTCAMP

Proshore Nepal Pvt. Ltd. - Kathmandu, Nepal

03/2021 - 06/2022

- Designed backend APIs for time-tracking systems, integrating user authentication features.
- Implemented database designs and project management tools to enhance system functionalities.
- Exposure: Scheduling, Version control tools, Project Management System, Backend programming, Postman, Jira.

PROGRESS 4GL INTERN

Javra Software Pvt. Ltd. - Lalitpur, Nepal

06/2021 - 09/2021

- Developed features for project tracking systems, improving operational efficiency.
- Acquired foundational skills in backend API design and web programming with the Progress 4GL stack.
- Exposure: Scheduling, Version control tools, Project Management System, Web Programming.

Education

Lambton College - Toronto, ON

Artificial Intelligence and Machine Learning (Expected in 2026)

The British College - Kathmandu, Nepal

BSc. Computing (Hons) (2019 - 2022)

Projects

Food Vision Classification System

- Objective: Developed a food image classification system using Vision Transformer (ViT) to classify images from the "Food 10" dataset accurately.
- Achievements: Achieved high classification accuracy through data preprocessing and fine-tuning of the ViT model.
- Technologies: Python, TensorFlow, PyTorch, Keras, Pandas, NumPy, Matplotlib, Jupyter Notebook.

Resume Parser

- Objective: Built a resume parser to extract key information like skills, experience, and education from PDF and Docx files using NLP techniques.
- Achievements: Successfully implemented TF-IDF, Cosine Similarity, and SBERT for accurate skill extraction and integrated Flask for real-time parsing and visualization.
- Technologies: Python, Flask, Pandas, NLTK, SBERT, TF-IDF, HTML, CSS, JavaScript.

US Crime Data Visualization

- Objective: Analyzed and visualized crime data across U.S. states to identify trends and patterns.
- Achievements: Developed interactive dashboards highlighting crime rates and correlations, aiding in insightful decision-making.
- Technologies: Python, Pandas, NumPy, Matplotlib, Seaborn, Jupyter Notebook.

Sentiment Analysis

- Objective: Designed a sentiment analysis tool to assess user-generated text using natural language processing.
- Achievements: Integrated TextBlob and VADER libraries for sentiment detection, providing accurate and meaningful insights.
- Technologies: Python, Flask, Pandas, Sklearn, TextBlob, VADER, HTML, CSS.

Training

- **Web designing and development** - Broadway Infosys Nepal
- **Backend API and Web development with Python (Django)** - Broadway Infosys Nepal
- **C/C++ programming** - Broadway Infosys Nepal