Aavash Baral

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EDUCATION

Kathford College of Engineering and Management   Balkumari, Lalitpur
BE Computer Engineering   April 2021 - May 2025

SKILLS

Programming Language:	Python, Javascript, Typescript
Technologies:	FastAPI, Django, Node.js, ExpressJS, MongoDB, MySQL, NextJS, AWS, Docker
Concepts:	OOP, Agile Development, Data Structures & Algorithms, REST API,GraphQL

PROJECTS

Nepal By Numbers *NextJS, Firebase, Leaflet*   nepalbynumbers.vercel.app

- Built an interactive website for visualizing data of Nepal through maps.
- Utilized Leaflet for map rendering and Firebase for authentication and storage.

Aakriti *Socket.IO, ExpressJS, TypeScript, NextJS*

- Built a interactive real-time pictionary game website using Socket.IO,
- Implemented features for seamless user engagement and drawing activities

Inventory Management System *Django*

- Developed an online inventory management system for an organization, primarily used to organize and manage food rations.
- Designed an admin dashboard for efficient inventory control and integrated a report generation tool.

CERTIFICATIONS

AWS Cloud Foundations   AWS Academy
Acquired foundational knowledge in AWS cloud services, including core AWS offerings, architectural best practices, and cloud security principles. Developed practical skills in deploying, managing, and scaling applications on AWS   July 2024

Machine Learning Specialization   Coursera
Completed a comprehensive series covering key concepts in machine learning, including supervised and unsupervised learning, deep learning, and reinforcement learning.   May 2024