

NITU JOSHI

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Summary

Passionate Computer Science graduate skilled in full-stack development, backend systems, DevOps tools, and collaborative problem-solving.

Education

College of Applied Business and Technology, Chabahil, Kathmandu Aug. 2021 – Current
Bachelor in Computer Science and Information Technology

Kailali Model Higher Secondary School, Dhangadhi, Kailali Apr. 2018 – May 2020
+2 in Science with Major Computer

Experience

Undergraduate Internship Assistant June 2025 – Aug 2025
Nepal Rastra Bank, Baluwatar, Kathmandu

- Assisted in the development of a Portfolio Analysis Management System under the supervision of a senior developer.
- Developed a full-stack web application using React, PostgreSQL, and Docker to analyze GitHub data.

DevOps Engineer Oct. 2024 – Feb. 2025
ISTEM-Lab, New Baneshwor, Kathmandu

- Assisted in automating CI/CD pipelines using Jenkins and GitHub Actions, and supported deployment processes in cloud environments.
- Worked with Docker and Kubernetes for containerization and orchestration.

Tutor and Teacher May 2020– Aug. 2020
Dhangadhi Rastriya Tulsiram Madhyamik Vidhyalaya, Dhangadhi

- Taught computer science and basic programming concepts to lower-level students.

Projects

Chat-app | Python, Flask, React, PostgreSQL, Docker, Socket.IO June 2022

- Developed a real-time chat app with Flask and React, featuring authentication, Socket.IO messaging, and Docker deployment.

Space Shooter Game | Python, Pygame Sept. 2023

- Created a 2D arcade game in Python with enemy waves, scoring system, and custom visuals using Pygame.

Online Kirana | HTML, CSS, JavaScript, PHP, MySQL Jan. 2024

- Built an e-commerce site for a local store with user login, cart, and order tracking using PHP and MySQL.

Web-based SAS | PHP, MySQL, HTML, CSS, JavaScript Dec. 2024

- Developed a student registration system with role-based access and dynamic web forms using PHP and MySQL.

Leadership & Volunteering

Board of Directors 2015 – 2019
Dhangadhi Jaycees, Dhangadhi / Dang, Nepal

- Led and participated in youth events and national leadership programs.

General Member <i>Rotary Club Events and Campaigns, Dhangadhi</i>	2015 – 2019
Supported robotics contests, women empowerment programs, and charity events.	
Community Action for Disaster Response <i>Nepal Red Cross Society, Dhangadhi</i>	March 2018
Certified in first aid, rescue, disaster preparedness and certified CADRE trainer.	
Volunteer – KIMFF Film Festival <i>KIMFF Organizing Committee, Kathmandu</i>	Dec. 2023
Managed guest logistics, audience coordination, and media support for film screenings.	

Training

Digital Marketing Training Series Gurkha Tech, Kathmandu / Online	July 2022
Trained in SEO, Google Ads, social media marketing, Google Analytics, and Canva.	
PHP Web Development Training College of Applied Business and Technology, Kathmandu	Aug. 2023
Built mini projects with PHP and MySQL, covering CRUD and server-side scripting.	
Java Spring Boot Course Sikai IT, Online / Kathmandu	Mar. 2025
Learned REST API development, MVC, and authentication using Spring Boot and MySQL.	

Certifications

- First Aid and Disaster Response Certificate – Nepal Red Cross Society, March 2018
- Junior Jaycees Leadership Training – Dhangadhi Junior Jaycees, 2017
- Java Spring Boot Certificate – Gurkha Tech, March 2025
- DevOps Engineer Internship Certificate – ISTEM-Lab, Feb. 2025
- Program Volunteer Certificate – KIMFF, Dec. 2023

Soft Skills

- Strong communication and public speaking skills.
- Team coordination and leadership experience.
- Event planning, time management, and adaptability.
- Active listening and problem-solving under pressure.

Technical Skills

Languages: Java, Python, C/C++, JavaScript, PHP, SQL, HTML/CSS, XML, C#
Frameworks: Spring Boot, FastAPI, React, Node.js, WordPress.
Databases: MySQL, PostgreSQL
Developer Tools: Git, Docker, Google Cloud Platform, VS Code, IntelliJ, Eclipse,
Digital Marketing Tools: Google Analytics, Facebook Ads Manager, Canva, SEO Basics