

AAVASH TAMANG

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SUMMARY*

Passionate and highly skilled Software Developer with hands-on experience in designing and implementing efficient and user-friendly systems. Proficient in modern technologies such as Java, Python, JavaScript, React, and MySQL, with a strong background in full-stack development. Proven ability to collaborate with cross-functional teams and deliver complex projects, including hotel booking systems, taxi booking systems, and image classification using machine learning. Currently pursuing a BSc (Hons) in Computer Science and Software Engineering, with a focus on delivering quality solutions.

TECHNICAL SKILLS:

Programming Languages: Java, Python, JavaScript, HTML, CSS

Frameworks & Tools: React JS, Tailwind CSS, Laravel, Node.js, Express

Databases: MySQL, MongoDB

Design Tools: UI/UX Design, Figma

Other Skills: Dart, Flutter, Oracle Apex

Soft Skills: Teamwork, Communication, Adaptability, Creativity, Problem-Solving

PROFESSIONAL EXPERIENCE

PCPS College

Junior Software Developer

Imadol, Lalitpur / Nepal

Jun 2024 – Aug 2024

As a Junior Software Developer, I led and contributed to several key software projects, working closely with cross-functional teams to ensure high-quality solutions were delivered on time and within scope.

Library Management System

- Led the development of a full-stack system using React and Tailwind CSS for the frontend and Laravel with MySQL for the backend.
- Coordinated a team of developers to ensure project goals were met, timelines were adhered to, and quality standards were maintained.
- Optimized system performance by improving database queries, reducing response times by 30%.
- Designed and implemented a user-friendly UI/UX, streamlining the cataloging, checkout, and resource tracking processes.

PCPS College Website

- Contributed to the team effort to recreate the official PCPS College website, which had been built on WordPress and compromised due to a security breach.
- Led the migration of the website from WordPress to a more secure, custom-built solution using HTML, CSS, and JavaScript.
- Helped improve the website's security and functionality, ensuring it was resilient against future threats.
- The new website improved accessibility and user engagement by over 25%, providing a more robust platform for students and faculty.

PROJECTS

Hotel Booking System

Developer

- Built a hotel booking system using Java and MySQL, enabling users to book hotel rooms, view availability, and manage reservations.
- Designed an easy-to-use interface for customers to quickly navigate and make bookings.

Taxi Booking System

Developer

- Developed a taxi booking system using Python and MySQL that allows users to book taxis, and track their rides.

Image Classification

Developer

- Implemented an image classification model using Python and machine learning, allowing the system to identify and categorize images based on training data.

Student Kiosk System

Developer & Project Manager

- Contributed as both a developer and project manager in a 4-person team for the Student Kiosk System project.
- Managed the project's progress, ensuring timely delivery while implementing features for managing student records, attendance, and grades.

Age Well

Developer

- Developed a mobile app as part of a 3-person team, using Flutter, Dart, and Firebase to help elders with health tracking, voice commands, service booking, and social engagement activities.

Portfolio Website

Developer

- Developed a personal portfolio website using React and Tailwind CSS, showcasing my projects, skills, and contact information.

EDUCATION & OTHER

BSc (Hons) in Computer Science and Software Engineering

Jan 2023 – Present (3rd Year Student)

Patan College for Professional Studies | Kuponhole, Lalitpur

Grade XII - Science (Biology with Mathematics Group)

2022

Prasadi Academy | Manbhawan, Lalitpur

School Leaving Certificate

2019

Milestone School | Lagankhel, Lalitpur

LANGUAGES:

- Nepali: Native
- English: Fluent
- Hindi: Proficient

OTHER EDUCATION:

- AWS Academy Cloud Foundations | Issued by Amazon Web Services Training and Certification (2023)

INTERESTS:

- Sports: Football, Basketball, and other team sports
- E-games: Competitive and recreational gaming