

HEMANTA MARASINI

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ACADEMIC QUALIFICATIONS

2019 - 2024| Bachelor of Computer Application| Butwal Kalika Campus, Tribhuvan University | CGPA: 3.52 / 4.0

2017-2019| COMPUTER SCIENCE| +2 LEVEL| New Horizon College, Tribhuvan University| CGPA: 3.03

2005-2016| Secondary Education Examination (S.E.E)| New Environment English Secondary School| GPA: 3.25

RELEVANT EXPERIENCES

2025- Present | Software Developer | Z1 Technology & Trade Pvt. Ltd.

Mobile App Development

- Create and develop a colon and design on the UI/UX interface using Flutter Technology.
- Handling the API request and dispatch of system.

2024- 2025 | Java Developer | Purnima IT Group Pvt. Ltd.

Backend API Development

- Solid grasp of core Java concepts (OOP, collections, multithreading, exception handling).
- RESTful APIs, JSP/Servlets, JSON/XML, HTML, CSS, JavaScript □
SQL(MySQL, PostgreSQL, Oracle)

2023-2024| Internship | Dailo Technologies | Australia

QA & Software Development

- Tested the system from white box test system make a weekly report about bugs, errors and vulnerabilities.
- Develop the new Inventory Management system using .NET framework.

2023 – 2023 | Next-Gen Innovators IT Club

Senior Student Advisor

- Guiding student about their future goals in the field of ICT Conducted different skill enhance programs in campus.
- Provide clear roadmap for their future enhancement.

TRAINING/CERTIFICATIONS

- Microsoft office Package training |Buddha Bhumi Computer Institute| 2020 |Course such as MS-word, MS-Excel, MS-Access, MS PowerPoint.
- Training on C Programming |Buddha Bhumi Computer Institute, 2020 | All the programming related instructions such as keywords, syntax, loop, control statements, encapsulation, polymorphism, inheritance, structure, function etc.
- 120 Hours Advanced Java Training | Butwal Kalika Campus, 2023 |Basic Java Concepts, Web Development in spring boot and maven.
- Java Package with Spring Framework | Broadway Infosys Pvt. Ltd, Tinkune, Kathmandu 2024 |Core Java, Advanced java with JSP & Servlet, Spring Framework.
- Introduction of Advanced Docker Course | Code IT Pvt. Ltd |Containerization, Docker Compose, image and container management, CI/CD integration, cloud deployment.
- Currently involving in Introduction of Computer Vision and Image Processing with Python. | Coursera.

PROJECTS

- Project on **Online Bus Ticket Reservation Management System**
Frontend: HTML, CSS, Bootstrap, JS
Backend: Core PHP and MYSQL 
- Project on **Dynamic Blogging system**, by using Core PHP and MYSQL, presented in University program | Computer Application Department, Tribhuvan University. 
- Project on **Content Management System (CMS)** by using Bootstraps, Laravel Framework and MYSQL | Computer Application Department, Tribhuvan University. 
- Project on **Pharmacy Management System** by using Jframe and JDBC with NetBeans | Computer Application Department, Tribhuvan University. 
- Project on **Inventory Management System** ASP.NET core MVC Entity Framework
- Project on **Automated Attendance System** using Facial Recognition and classic algorithm(LBPH & Haar Cascade)
Technology: Open CV & ASP.NET Framework with MYSQL. 
- Project on **Object Detection** using YOLOv10. 
- Project on **Palm Tree Detection using pre-trained YOLOv8 and YOLOv10 model** with fully functionable dashboard and user panel. 

SKILLS

Full-Stack Development

- Capable of developing end-to-end web solutions using HTML, CSS, JavaScript, React, and spring frameworks.
- Hands-on experience integrating frontend UI/UX with backend services to deliver complete user experiences.

- Familiar with version control (Git/GitHub) and collaborative development workflows.
- Experienced in responsive design, API consumption, and testing to ensure application quality and performance.

Mobile App Development

- Experienced in developing cross-platform mobile applications using frameworks like Flutter.

Python & Tensor Flow

- Proficient in Python for scripting, data analysis, and machine learning model development.

3D Modeling

- Basic understanding of 3D modeling tools such as Blender, Autodesk Maya.

AWARDS

- Best Concept Award Techno Management Zest – 2022 / Butwal, Nepal - Automated Attendance System using classic ML algorithms / .NET framework - C#
- Best Project Award Techno Management Zest – 2023 / Butwal, Nepal - Z1 GPS Tracking System.

REFERENCES

Er. Aashish Neupane	Ghanshyam Pathak	Bhanu Bhakta Marasini
H.O.D Computer Science	Campus Chief	CEO / Founder
Butwal Kalika Campus IOE	Butwal Kalika Campus	Z1 Technology and Trade Pvt. Ltd
Contact Number: 9857085432.	Contact Number: 9857027754	Contact Number: 9841678041