europass

Dip Darshan Thapa

Date of birth: 10/03/2003 | **Place of birth:** Sindhuli, Nepal | **Nationality:** Nepalese | **Phone number:** (+977) 9860106302 (Mobile) | **Email address:** thapadeep2003@gmail.com |

Address: Narephant,Koteshwor, 44600, Kathmandu, Nepal (Home)

ABOUT ME

Software engineer with strong academic excellence and hands-on experience in data-intensive and distributed systems. Graduated with top distinction from Tribhuvan University under full merit scholarship. Experience includes production systems handling sensitive healthcare data, and integration of AI components into real-world applications. Seeking advanced training in Data Engineering and Artificial Intelligence to strengthen theoretical foundations and scalable data system design.

WORK EXPERIENCE

MOBILE APPLICATION DEVELOPER – DOME INFOSYS PVT.LTD – 01/02/2025 – Current – KATHMANDU, NEPAL

- Design and develop data-intensive mobile and backend systems
- Implement data flows for healthcare and education platforms integrating AI components via APIs
- Work with backend and AI teams on data synchronization and deployment
- Contribute to architectural decisions for production system
- Mentor junior developers on maintainable system design

MOBILE APPLICATION DEVELOPER TRAINEE – DOME INFOSYS PVT.LTD – 01/08/2024 – 01/01/2025 – KATHMANDU, NEPAL

- Developed production applications with real-time data and transactional workflows
- Designed client-server synchronization using REST APIs and sockets
- Applied Clean Architecture and MVVM patterns

EDUCATION AND TRAINING

01/11/2020 – 01/11/2024 Kathmandu, Nepal

BACHELOR OF SCIENCE IN COMPUTER SCIENCE AND INFORMATION TECHNOLOGY (BSC. CSIT)

Tribhuvan University

- Data Structures and Algorithms
- Object-Oriented Programming and Software Engineering
- Database Management Systems (SQL, data modeling)
- Operating Systems and Computer Networks
- Web and Mobile Application Development
- Artificial Intelligence and Machine Learning (fundamentals)
- System Analysis, Design, and Problem Solving
- Research Methodology and Data Analysis

Website https://tu.edu.np | **Field of study** Software and applications development and analysis | **Final grade** 77% (Distinction) |

Level in EQF EQF level 6 | **National classification** NQF Level 6 (Bachelor's degree) | **Type of credits** Credit Hours |

Number of credits 126 | **Thesis** SIgn Language Detection (ASL) for special abled

SKILLS

Programming

Dart Java (computer programming) | Python (computer programming) | c/c++/c# programming

Data Engineering & Systems

Data modeling for production systems | Design of data pipelines for IoT and application backends | REST API design and integration | Handling structured and semi-structured data (SQL / NoSQL concepts)

Software Engineering

System design for scalability and maintainability | Clean Architecture principles

Artificial Intelligence & Machine Learning

Neural network concepts | Foundations of supervised and unsupervised learning | Integration of AI/ML models into production systems via APIs | Understanding data requirements for ML pipelines (data quality, structure, flow)

Frameworks & Technologies

Flutter (cross-platform, data-driven applications) | TensorFlow (model experimentation and integration level) | Firebase (Authentication, Firestore, Cloud Functions – integration)

LANGUAGE SKILLS

Mother tongue(s): **NEPALI**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	B2	B2	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

HONOURS AND AWARDS

02/08/2024

Academic Excellence – St.Lawrence College

- Awarded Full Merit Scholarship covering the entire undergraduate program, granted through a competitive entrance examination
- Recognised for outstanding academic performance throughout the BSc CSIT program

10/04/2021

Asian Hack – The Asian School of Management and Technology College

- Secured Runner-Up position at Asian Hack, an inter-college hackathon organised by The Asian School of Management and Technology College
- Developed and presented a working prototype within a competitive time-limited environment
- Demonstrated skills in problem solving, rapid development, and teamwork under pressure

NETWORKS AND MEMBERSHIPS

11/09/2020 – CURRENT Kathmandu

CSIT Association of Nepal (CAN)

- Active member of the national association representing BSc CSIT students across Nepal
- Participated in tech events, seminars, and collaborative activities organised by the association

01/11/2020 – CURRENT Kathmandu

Developer Student Club (GDSC)

- Member of Google Developer Student Club at St. Lawrence College
- Engaged in workshops, study jams, and solution challenges focused on Google technologies and real-world problem solving.