Archana Ojha

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EDUCATION AND TRAINING

[08/2023 – Current]

Bachelor of Engineering

Oulu University of Applied Sciences   www.oamk.fi

City: Oulu | **Country:** Finland | **Field(s) of study:** Information Technology

[08/2015 – 12/2019]

Bachelor of Business Studies

Tribhuvan University

City: Dhangadhi | **Country:** Nepal |

LANGUAGE SKILLS

Mother tongue(s): Nepali

Other language(s):

English

LISTENING C1 **READING** C1 **WRITING** B2

SPOKEN PRODUCTION B2 **SPOKEN INTERACTION** B2

Hindi

LISTENING C1 **READING** C1 **WRITING** B2

SPOKEN PRODUCTION C1 **SPOKEN INTERACTION** C1

Finnish

LISTENING B1 **READING** B1 **WRITING** B1

SPOKEN PRODUCTION B1 **SPOKEN INTERACTION** B1

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

SKILLS

TypeScript | JavaScript | React | Node.js | Bootstrap | Linux | HTML | CSS | Git | PostgreSQL | SQL | Python (computer programming) | Microsoft Word | Microsoft Excel | Microsoft Powerpoint | Agile development | Rest Api | REST Api

PROJECTS

[10/04/2025 – Current]

Ecommerce App

A full-stack E-commerce app with user authentication, product listings, admin profile for product management, and add-to-cart functionality. Built with React, Bootstrap, Node.js, Express, and PostgreSQL using JWT and bcrypt for security.

Link: https://github.com/ojhaarch2054/EcommerceApp

Budget Tracker

It is a web application which allows user to manage their daily finances. It is made using React, Bootstrap, Node.js, Express and PostgreSQL.

Link: https:// github.com/ojhaarch2054/Budget_tracker

Movie App

This is a complete movie application made using React, Node.js, Express and PostgreSQL and was made in a group as a part of the coursework. The movie app enables users to explore movies, view showtimes, create groups and engage with other users.

Link: https://github.com/Movie-App-Project-OAMK-G15/movie_app

Contact Manager

A simple MERN stack website which can serves as a contact manager web application. In this website a user can create new contacts, modify existing contacts, search for contacts and delete contacts. React framework and Bootstrap is used in UI design and Node.js, Express and MongoDB is used in backend.

Link: https://github.com/ojhaarch2054/Contact_Manager

Quizzify App

This app was developed in a group for our coursework. It is a quiz app in which user can take quizzes on various topics. The results from the quizzes are stored and the user can find insights on their performance on the quizzes. I worked in the UI design for this project using Bootstrap, HTML and CSS.

Link: https://github.com/Gloryozo/Quizzify

CERTIFICATIONS

[08/05/2025 – 12/05/2025] **Python for Data Science, AI & Development**

I gained skills in Python programming and data analysis using Pandas and NumPy through this course.

Link: https://www.coursera.org/account/accomplishments/verify/588XQ123BIOG?utm_source=link&utm_medium=certificate&utm_content=cert_image&utm_campaign=sharing_cta&utm_product=course

[01/03/2025 – 23/03/2025] **Developing Front-End Apps with React**

I learned how to build web pages and apps using JavaScript and React. The course taught me to create fast, interactive websites with reusable components. I also learned important React concepts like props, states, hooks, forms, and Redux.

Link: https://www.coursera.org/account/accomplishments/verify/QWU5PK7MTBHU

[27/03/2025] **Getting Started with Git and GitHub**

I learned how to use Git and GitHub for version control in software development. I learned to track and manage code changes, work with repositories, and use branches to create different project versions. The course also covered pull requests (PRs) for collaboration, reviewing changes, and merging code.

Link: https://www.coursera.org/account/accomplishments/verify/JGY7GNLQWHCA

[24/03/2025] **Introduction to Agile Development and Scrum**

I learned that Agile is part of DevOps and focuses on small steps, simple products, and teamwork. I learned to write user stories, estimate tasks, and track them on a kanban board. I also learned about Scrum, sprint planning and how Agile helps teams work faster and make customers happy.

Link: https://www.coursera.org/account/accomplishments/verify/O1Z5MSJ69P3V

[19/03/2025] **Introduction to DevOps**

I learned that DevOps focuses on shared responsibility, openness, and learning from mistakes. It includes practices like CI, CD, coding as infrastructure, and testing early. DevOps also involves using cloud services, automating tasks, and improving team collaboration.

Link: https://www.coursera.org/account/accomplishments/verify/8RZHQCIDMFZA

[21/03/2025] **Introduction to Cloud Computing**

I learned the basics of cloud computing, including its history, key characteristics, and service models like IaaS, PaaS, and SaaS. The course also covered cloud deployment models (public, private, hybrid) and cloud infrastructure components.

Link: https://www.coursera.org/account/accomplishments/verify/TTHWFNFNIBJH

[21/03/2025] **Introduction to Cloud Computing**