



# RAJ TIWARI

## FULL STACK DEVELOPER

PORTFOLIO

LINKEDIN

GITHUB

### LANGUAGES

- English - Fluent
- Finnish - Novice
- Nepali - Native
- Hindi - Fluent

## PROFILE

Raj is a software developer who describes himself as a very fast learner, thanks to his curiosity in finding solutions to technological problems in software development. In addition, Raj is a “technology enthusiast” who enjoys learning and deepening his existing knowledge in technology by reading tech-related articles. Raj has studied at Turku University of Applied Sciences and holds a Bachelor’s degree in Information Technology. In addition to his studies, Raj has worked as a software developer focusing mainly on front-end development. In his free time, Raj enjoys hiking outdoors and cooking.

## RECENT PROJECTS

### Developer

PHP, Python, CSS

This application takes texts in English as input, analyzes the sentiment of the input, and displays the output in the browser using Raspberry Pi. This project was completed as the Bachelor’s thesis.

### Developer - Node.js API

JavaScript, Node.js

An API developed with Node.js for CRUD (Create, Remove, Update, Delete) operations for the aforementioned project.

### Developer - ASP.NET API

HTML, JavaScript, C#

A similar API developed with ASP.NET templates instead.

### Developer - PDF Generator

HTML, PHP

This application takes the user input and generates an output as a PDF document.

## SKILLS

**Front-end Development:** Accessibility, Bootstrap, CSS, HTML, JavaScript, React.js, Redux, SCSS, TypeScript.

**Back-end Development:** .NET, C#, Express.js, Node.js, PHP, Python, REST API.

**Database Management:** MongoDB, PostgreSQL, SQL.

**Testing:** Jest.

**DevOps:** Bash, Docker, GitHub Actions.

**Cloud Services:** AWS.

**Other:** C, C++, Linux, Python, WordPress.

## EXPERIENCE

### Full Stack Developer

Integrify | Helsinki, Finland | May 2021 - Present

- Taking numerous responsibilities in front-end development with JavaScript and TypeScript and applied frameworks and other tools such as React.js and Redux among many others.
- Contributed to the back-end development of various projects with Node.js and Express.js.
- Built and managed databases with MongoDB and PostgreSQL.
- Conducted software testing with Jest.
- Collaborated with other developers of different seniority via GitHub Actions.

### Full-Stack Developer

Turku University of Applied Sciences | Turku, Finland | August 2019 - December 2019

- Responsible for maintaining and updating a website as part of the project.
- Compiled project documentation.
- Prepared other materials for project presentations and other promotional activities.

### Software Engineer

Tsuruoka National College of Technology | Tsuruoka, Japan | April 2019 - July 2019

- Built Machine Learning models with Python and relevant frameworks.
- Worked on IoT solutions.
- Contributed to writing case studies and research papers on the topic of edge computing.

### Front-end Developer

theFIRMA | Turku, Finland | February 2019 - April 2019

- Front-end development with React.js.
- Content management with WordPress.
- Overall project management.

### Assistant Manager

Dhaneshwor Telecom Pvt. Ltd. | Kathmandu, Nepal | June 2010 - April 2015

- Responsible for various sales activities and public relations campaigns.

## EDUCATION

### AWS Certified Cloud Practitioner

AWS re/Start & Integrify Academy | Helsinki, Finland | August 2021 - Present

### B.Eng. in Information Technology

Turku University of Applied Sciences | Turku, Finland | August 2015 - May 2020

### B.Sc. in Humanities and Social Sciences

Tri-Chandra Multiple Campus | Kathmandu, Nepal | August 2009 - May 2015