SAILESH KARKI
SOFTWARE DEVELOPER

An aspiring software developer with experience in JavaScript, TypeScript, React, Redux, Material UI, C#, and Object Oriented Programming. I have gained a Bachelor of Engineering degree in International Logistics from JAMK University of Applied Sciences and 4 years of work experience in Telecommunication and Networking and 1+ years of experience in Logistics and supply chain. After being selected among hundreds of applicants, successfully completed Integrify's 5-month coding boot camp. Currently, I am looking for a full-time position to boost my career as a Software developer.

Vantaa, Finland

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[in] [GitHub]

SKILLS

FRONTEND
JavaScript BootStrap, Material-UI, React, Redux , TypeScript, UI/UX design

BACKEND
C#, .NET, ASP.NetCore, Entity Framework Core, NodeJS, ExpressJS

MOBILE
Swift-programming

DATABASES
MySQL,PostgreSQL, MongoDB

TESTING
Jest, UnitTesting, x-unit testing, Postman

DEVOPS
GitHub, MCSA, Azure Cloud, BashScripting, Docker, Container, CI/CD,Atlas.

OTHER
Figma, Windows Server 2016, Lucid App,VSCode, C++, C-programming, IDE,Networking.

BASIC KNOWLEDGE
Java, Groovy on Grails, Laravel, Swift, PHP, Linux, PoweShell, Python.

LANGUAGES

English - Advanced

Finnish - Intermediate

Hindi - Fluent

ACCOMPLISHMENTS

Windows Server 2016, (Microsoft Jul-2019)

JavaScript Algorithms and Data Structures (FreeCodeCamp -Feb-2023)

JavaScript for Beginners, (Linkedin Feb- 2023)

IT Operations Specialist, (Linkedin November, 2023)

Full Stack Development with proficiency in DevOps and Cloud Azure (Integrify Academy September, 2023)

Programming in Java (120 Hours) (Deerwalk Institute of Technology, Feb-May 2016)

Python for Data Science, AI & Developemnt (IBM, Feb 2024)

RECENT PROJECTS

Ecommerce-Management-Web-App
TypeScript, React, Redux, ASP.NET Core, PostgreSQL
An E-commerce management app is a comprehensive Fullstack project involving TypeScript, Asp.NetCore, Entity Framework Core and PostgreSQL on the backend. This project aims to deliver a seamless user experience while also providing a robust management system for administrators. This project features CRUD operation for User functionalities, Admin functionalities, Clean architecture, Rest API, conventions and testing.

Countries App
HTML, CSS, Bootstrap, React, REST API
Countries App fetches countries from a REST API and displays them in a table. The app search functionalities, pagination, and (ltering along with a Country Details page. This project provided hands-on experience with essential React hooks such as useState, useEffect, and useRef. The use of REST API to fetch country data demonstrated how to connect external data sources to a React application. By completing the project, I have gained a solid understanding of React fundamentals and key concepts.

Breweries App
HTML, CSS, Material UI, React, TypeScript, REST API
The breweries app fetches a list of products from a REST API and displays them in a table. The app includes features like searching, sorting, pagination, routing, and filtering to display the product details page. While developing the App, I improved my understanding of type annotations, interfaces, and how TypeScript can improve code reliability by incorporating Material UI, a popular UI component library for React. I have gained experience in utilizing its pre-built components and theming capabilities.

E-Commerce App
HTML, CSS, Material UI, React, Redux, TypeScript, Jest, Unit Testing, REST API
An E-commerce app that fetches the list of products from a REST API and displays them in a card. The app features user login and register, search, sort by price or categories functionalities, add & and remove products from the cart, cart page shopping details, and calculation and filtering along with a single product page. The project incorporates Jest for unit testing, allowing to write and execute tests for different components and functionalities. The project involved integrating React for component-based development and Redux for managing the global state of the application.

EXPERIENCE

JUNIOR SOFTWARE DEVELOPER
Prologic Solutions Pvt.Ltd • Kathmandu, Nepal • February 2024
Collaborating on web application development, API integration, testing, and deployment processes.
Engaging in front-end development tasks, including UI/UX design and MVC architecture implementation.
Collaborating on database design and management using technologies such as MONGODB and Azure Cloud.
Utilizing tech stack compromising React, TypeScript, HTML, CSS, JavaScript, NodeJS and ExpressJS to deliver efficient solutions.

PRODUCTION SPECIALIST
Swappie Oy • Helsinki, Finland • February 2022 - August 2022
Sorted, classified, and packed products by size and weight, verifying conformance to quality standards. Introduced improved picking and packing methods, successfully reducing dispatch turnaround times.
Supported stable production lines by preparing orders with precision and high accuracy.
Tested products to achieve full functionality and safety compliance.

PROJECT RESEARCH (INTERNSHIP)
Unilever Nepal Limited • Hetauda, Nepal • September 2021 - December 2021
Analysed the current scenario of the flow of material at the raw material warehouse and delivery of finished goods from the factory.
Inspected the issue related to material management and loadability of vehicles.
Recommend the best possible solution with a racking system and increase the stacking height to manage the load ability of the vehicle.

TELECOMMUNICATION SPECIALIST
Huawei Technologies • Kathmandu, Nepal • September 2014 - December 2017
Interfaced with line providers to install telecommunication links. Delivered expert setup of phone systems and call management systems for workstations.
Updated basic and integrated software in devices, network components, and embedded systems, and implemented integration of hardware and software modules and components.

EDUCATION

FULL STACK DEVELOPMENT PROGRAM (FULL-TIME)
Integrify Academy • Helsinki, Finland • April 2023 - September 2023

BACHELOR OF ENGINEERING IN INTERNATIONAL LOGISTICS
JAMK University of Applied Sciences • Jyväskylä, Finland • August 2019 - December 2021

BACHELOR OF ENGINEERING IN ELECTRONICS AND COMMUNICATION
Purbanchal University • Biratnagar, Nepal • August 2009 - Aug 2014