

Name: Shamel Rai

Student

Contact Information

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Objective

Aspiring frontend developer with a strong foundation in computing and practical experience through web development projects. Currently pursuing a BSc (Hons) in Computing at Islington College, affiliated with London Metropolitan University. Eager to leverage skills in HTML, CSS, JavaScript, and React to contribute to innovative web solutions and gain valuable industry experience through an internship.

Education

Bsc (Hons) Computing

Islington College
London Metropolitan University
Kamal Marg, Kamalpokhari, Kathmandu
Expected: September 2025

SLC

Little Angels' College
Hattiban, Lalitpur
Graduated: 2019-2021

SEE

Gyanodaya Bal Batika – Khokana, Lalitpur
Graduated: 2019

Experience

Video Analyst

Cloud factory

November 2021 – March 2022

- Applied rigorous analysis and interpretation to video content to extract meaningful insights.
 - Analyzed key trends and patterns to improve content quality and viewer engagement.
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Skills

Technical Skill

- **Frontend Development:** Proficient in HTML, CSS, and JavaScript (React)
- **Software Engineering:** Understanding software development methodologies.
- **Version Control:** Experience with Git for source code management.
- **Database Management:** Basics of SQL and database interactions
- **Object-Oriented-Programming:** Proficiency in Java, Python and Kotlin for software development.
- **Operating System:** Proficient with Linux Command line (Ubuntu/Arch/Fedora)

Soft Skill

- **Analytical Skill:** Strong ability to analyze problems and develop effective solutions.
- **Teamwork:** Effective collaboration with development teams to ensure product quality and reliability
- **Communication:** Excellent communication skills for reporting bugs and defects, and documenting issue
- **Problem-solving:** Strong problem-solving capabilities.
- **Adaptability:** Ability to work onsite and adapt in fast-paced environment.
- **Networking:** Strong networking skills

Languages

- Nepali
- English

Tools

- **Development Tools:** Visual Studio Code, GitHub
- **Testing Tool:** Basic knowledge of Postman for API testing.
- **Operating System:** Proficient with Linux OS (Ubuntu/Arch/Fedora)

Project

Academic Projects

Static E-Commerce Website

- Developed a camera e-commerce platform using HTML, CSS and JavaScript
- Enhanced user experience and interface design through responsive web development techniques

Student Management System

- Built a basic student management system without connecting it to a database using Java. Showcased problem-solving and software design skills in creating functional software solutions.

Equipment rental system

- Developed an equipment rental system using Python, employing OOP principles and file handling for data storage in Notepad.

Data-analysis using Python

- Conducted data analysis using Python libraries such as Pandas, NumPy, and Matplotlib.
- Processed and analyzed large datasets to extract meaningful insights and trends.
- Created visualizations to represent data findings effectively.
- Demonstrated strong analytical skills and proficiency in Python for data manipulation and analysis.

Personal Projects

The Odin Project-Landing Page

- An open-source project to create a static website for beginners built using HTML/CSS. Improved project organization and code readability through version control with Git.

Snake Game

- A game that used to be played on Nokia phones, built using Java. Demonstrated proficiency in Java programming and game development logic

Recipe- Application

- Integrated the Spoonacular API with React to create a recipe app.
- Demonstrated skills in API integration, frontend development and modern JavaScript frameworks

Tic-Tac-Toe

- Developed a tic-tac-toe web application game using React library.
- Showcased proficiency in frontend development, component-based architecture, and interactive user interfaces.

Weather-Application

- Developed a weather application using React and integrated a weather API.
- Demonstrated skills in API integration, dynamic data handling, and modern JavaScript frameworks.

React-Landing Page

- Developed a landing page for cars using react.
- Demonstrated skills in responsive design, user interface development, and modern JavaScript frameworks.

News-Application

- Developed a news application using React and integrated a news API.
- Demonstrated proficiency in API integration, real-time data handling, and modern JavaScript frameworks.

Portfolio-website

- Developed a personal portfolio website using React to showcase my projects, skills, and achievements.
 - Demonstrated proficiency in React components, state management, and responsive design.
 - Created a visually appealing and user-friendly interface, incorporating sections such as Home, About, Projects, and Contact.
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Certification

- AWS Academy Graduate – AWS Academy Data Engineering
 - AWS Academy Graduate – AWS Academy Cloud Foundation
 - AWS Academy Graduate - AWS Academy Machine Learning for Natural Language Processing
 - AWS Academy Graduate - AWS Academy Machine Learning Foundations
 - Code Institute 5 Day Coding Challenge
 - Meta Programming Fundamentals in Kotlin
 - Meta Version Control
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