

Darshan Bajgain

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Summary

I am a final-year B.Sc. CSIT student at Amrit Science Campus, Kathmandu, with a strong foundation in full-stack development (React JS and Java Spring Boot) and a passion for creating efficient and user-friendly applications. Currently seeking an internship position to apply my skills and gain practical experience in a professional environment as part of my 8th-semester requirements. My goal is to leverage my technical expertise and problem-solving abilities to contribute effectively to a dynamic development team.

Education

•B.Sc. in Computer Science and Information Technology

Amrit Science Campus, Lainchaur, Kathmandu

2019 - 2024

Tribhuvan University, IOST

•Intermediate Level, Science Stream

Kanchanjunga HSEB, Birtamode, Jhapa

2017 - 2019

National Examination Board (NEB)

•SEE, Grade 10

Newton's Education Academy, Birtamode, Jhapa

2017

National Examination Board (NEB)

Skills

- **Technology:** JavaScript, HTML, CSS and OOP Languages(Java, C++, C#)
- **Frameworks/Libraries:** React, Tailwind CSS, Spring Boot, Spring JPA
- **Version Control:** Git, GitHub
- **Database Management:** SQL (MySQL)
- **Soft Skills:** Problem-Solving, Quick Learning Agility, Adaptability
- **Additional Skills:** Linux OS, Maven, Docker, Canva, Video Editing

Projects

•Todo List App

(Fullstack React and Java Spring Boot Project)

[Frontend Github Link](#) | [Backend Github Link](#)

- Developed a Todo List app with a Spring Boot RESTful API backend and a React frontend.
- Implemented CRUD operations with real-time updates using Spring Boot, JPA, and MySQL.
- Integrated React with Axios for efficient API communication and used Context API for global state management.
- Implemented frontend route authentication to ensure secure access.

•Dynamic Frontend Based Blog App

(React, Vite, Tailwind CSS)

[Github Link](#)

- Developed a fully front-end dynamic blog app using React, Vite, and Tailwind CSS.
- Utilized Markdown files for content management, eliminating the need for databases and backends.
- Implemented a responsive and appealing UI with Tailwind CSS.

•Accidented Car Detection System - Final Year Project

(HTML, Tailwind CSS, Vanilla JS, Python Flask, TensorFlow Keras)

[Frontend Github Link](#)

- Developed a system to classify images as accident or non-accident using a CNN model.
- Contributed to dataset collection, frontend design and CNN algorithm implementation.
- Built frontend using HTML, Tailwind CSS, and Vanilla JS.

•Java WeatherApp

(Java Servlet, JSP Web Project)

[Github Link](#)

- Developed a simple Java weather web application using Servlets, JSP, HTML, CSS, and JavaScript.
- Integrated with the OpenWeatherMap API to fetch weather data for a given city.

•Portfolio Website

(Tailwind CSS, Static Website)

[Github Link](#)

- Designed responsive site using Tailwind CSS, and implemented on-page SEO practices (such as Open-Graph protocol, robots.txt, XML sitemap, relevant keywords in H1 tags, SEMrush tools for SEO analytics, monitoring) to optimize website visibility and search engine rankings.

•School Website

(HTML, CSS, JavaScript -Static Website)

[Github Link](#)

- Developed a static single-page school website with a responsive design using HTML, CSS, and JavaScript.