


Email: ragavsitaula@gmail.com

Phone: 9746470850

Address: Sallaghari, Bhaktapur

in linkedin.com/in/ragav-sitaula-2648a2292

Raghav Sitaula

 github.com/sitaularaghav

Nepali Citizen

EDUCATION

Kathmandu University

BSc. in Computer Science

Dhulikhel, Nepal

Feb 2022 – Present

◦ Relevant Coursework:

- | | |
|--|------------------------------|
| * Data Structures and Algorithms | * Theory of Computation |
| * Database Management Systems | * Software Engineering |
| * Operating Systems | * Artificial Intelligence |
| * Computer Architecture and Organization | * Statistics and Probability |

PROJECTS

- **SQL Data Warehouse with ETL:** **August 2025**
 - Designed and implemented a data warehouse with Bronze, Silver, and Gold layers to organize raw, cleaned, and aggregated data efficiently.
 - Built ETL pipelines to extract, transform, and load data from multiple sources into the warehouse.
 - Optimized queries and data storage for reporting and analytics.
 - Enabled business insights through structured, layered datasets ready for visualization and decision-making.
- **Gamification Quiz:** **December 2024**
 - Built a quiz web platform with interactive questions, real-time scoring, and an easy-to-use interface using MERN and Next.js.
 - Added a points-based reward system where users can earn avatars and virtual items, increasing engagement.
 - Created a responsive design to ensure the platform works well on both desktop and mobile devices.
- **Taskify: Task Management Platform:** **June 2024**
 - Built a task manager web platform using Node.js, Express.js, MySQL, and Next.js, featuring a Kanban board layout for intuitive task visualization and management.
 - Added organizational tools like calendar updates, member assignment, and task delegation from an admin view to streamline team coordination.
- **Parental Control in Moodle:** **December 2023**
 - Developed a parental control module for Moodle using PHP and the Moodle plugin framework.
 - Enabled parents to monitor students' academic performance and grades.
 - Implemented attendance tracking and assignment record viewing.
 - Added event updates for past and upcoming academic activities.
- **Shop With Us: E-commerce Platform:** **May 2023**
 - Developed an e-commerce web platform with secure user authentication and login functionality.
 - Enabled users to browse products, add items to the cart, and manage orders efficiently.
 - Implemented backend APIs for product management, user accounts, and order processing using MongoDB.
- **Hospital Management System:** **November 2022**
 - Developed a desktop application for managing hospital operations using C++ and the Qt framework.
 - Implemented modules for patient registration, appointment scheduling, and medical record management.
 - Created a user-friendly GUI with Qt widgets for easy navigation and interaction.

SKILLS

Languages: Python, SQL, JavaScript, C++, C, MATLAB, PHP

Technologies: Git, PySpark, Node.js, Express.js, React.js, MySQL, MongoDB, PostgreSQL, REST APIs, Linux, HTML/CSS

Communications: Fluent in Nepali and English