

Roshan Roy Varghese

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SUMMARY

Detail-oriented Computer Science graduate with expertise in programming, algorithms, and web development. Proficient in Python, Java, and SQL, demonstrated through hands-on experience in developing dynamic web applications and managing databases. Strong problem-solving abilities complemented by critical thinking and effective teamwork skills. Aiming to leverage technical skills to contribute to innovative software development projects.

TECHNICAL SKILLS

Web Development: HTML, CSS, JavaScript
Programming Languages: Python, Java, C++

Development Tools: Git
Databases: SQL

EXPERIENCE

Intern, Acmegrade, August 2023-September 2023

IN

- Completed an online internship program in web development organized by Acmegrade.
- Implemented responsive design principles to ensure websites are mobile friendly.
- Developed web applications using HTML, CSS and JavaScript. Helped design and sustain easily navigable web platforms.

EDUCATION

- Python Full Stack Development Training
- QSpiders, Kochi
- October 2024
- Bachelor of Technology – Computer Science
- Amal Jyothi College of Engineering, Kanjirapally
- July 2024
- Higher Secondary School (Class XII)
- Mount Bethany Public School, Kumbazha
- March 2020
- Secondary School (Class X)
- Indian School Sohar, Oman
- March 2018

PROJECTS

- **FIT – A fitness-based website**

Developed a dynamic, responsive fitness website showcasing membership plans, services, and user interaction elements. Built with HTML, CSS, and JavaScript, ensuring a smooth and engaging user experience. Integrated interactive elements that allow users to easily explore fitness plans and services. Focused on creating a clean, modern design with attention to detail, making it visually appealing and easy to navigate.

Live Demo: fit-rosh.vercel.app

Github : <https://github.com/RoshnRoy1/Fit-by-Rosh>

- **Epidemic Prediction Website – Epidemo(Final Year Project):**

Epidemo is a web app for local epidemic tracking and disease diagnostics, built with React.js for dynamic front-end performance and Flask (Python) for back-end handling. It uses Firebase Authentication for secure user management and a NoSQL Firebase Database for scalable storage. Users input symptoms, and the app delivers real-time health predictions using machine learning models. With a RESTful API architecture, the app provides real-time epidemic updates, ensuring cross-platform accessibility.

- **Sneaker Store E-Commerce Website:**

Developed a dynamic sneaker e-commerce platform with an interactive UI featuring product sliders, live-updating carts, and smooth scrolling. JavaScript powers real-time updates, such as adding products to the cart, while custom CSS animations and intuitive selectors enhance the shopping experience. The site is responsive and optimized for seamless user interaction across devices.

Github: <https://github.com/RoshnRoy1/Sneaker-Store>

- **Financial Services Web Application(Kobdrop Clone):**

Developed a full-stack web application(cloned from Kobodrop) for managing financial services, including money transfers, bill payments, and transaction handling, using React.js for a dynamic and responsive user interface. Integrated Firebase Authentication for secure user management and designed an efficient back-end architecture to handle API calls and real-time data updates. The app ensures a smooth and user-friendly experience across multiple devices.

Live Demo: <https://kobodrop-rosh.netlify.app/>

Git Hub: <https://github.com/RoshnRoy1/kobodrop-app>

- **UrbEstate-Real Estate Developer Website:**

UrbEstate is a fully responsive real estate developer website built using React.js, Tailwind CSS, and Vite, designed to deliver a smooth user experience with fast performance and a clean UI. It features animated components, modular design, and a functional contact form ready for email integration. Inspired by top real estate websites, UrbEstate includes personalized layouts, performance tweaks, and scalable architecture.

Live Demo: <https://urbestate-rosh.netlify.app>

Git Hub: <https://github.com/RoshnRoy1/UrbEstate>

CERTIFICATES AND EXPERIENCES

- Internship in Web Development
- AcmeGrade Google Cloud Computing Foundations Course Smart India Hackathon, Selected from campus
- Oracle Academy certification, 'Oracle Infrastructure Foundations I', 84%
- Volunteered as Event Head, Inter College Tech Fest 'Azure'.