

# Muhammad Ubaid ur Rehman

☎ +92-316-1499937 ✉ [uurrehman735@gmail.com](mailto:uurrehman735@gmail.com) 🌐 [github.com/Snowden-o](https://github.com/Snowden-o) 🔗 [linkedin.com/in/ubaidurr](https://linkedin.com/in/ubaidurr)

## EDUCATION

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### International Islamic University

**Sep. 2021 – 2025**

*Bachelors of Science in Computer Science*

Islamabad, Pakistan

**Key Courses:** *Programming Fundamentals, Object Oriented Programming, Data Structure & Algorithms, Analysis of Algorithms, Operating Systems, Database management system, Artificial Intelligence, Web Development.*

## TECHNICAL SKILLS

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**Programming languages:** HTML, CSS, JavaScript, C++, Java

**Libraries & Frameworks:** React.js, Express.js, Node.js, Tailwind CSS, Material UI, Matter.js, React-Router, Redux, Redux-Toolkit

**Databases:** MongoDB, MS Access.

**Tools:** Git, GitHub, Visual Studio Code, Apache NetBeans, Vite, AppWrite (BaaS), Vercel

## PROJECTS

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### Web Based Maze Game

Built a Maze Game using core JavaScript and HTML. Implemented core JavaScript logic for maze generation and implemented 2D physics for realistic player movement and matter.js for in game physics. Improved problem-solving skills and gained experience in JavaScript.

- GitHub: [github.com/Snowden-o/Maze](https://github.com/Snowden-o/Maze)

### Full-Stack Blog Application

Developed a blog application with React and Tailwind CSS for a dynamic UI. Integrated Appwrite for backend support, including user authentication and database management. Implemented features like user registration, login, post creation, editing and deleting posts.

- GitHub: [github.com/Snowden-o/blogApp](https://github.com/Snowden-o/blogApp)

### Todo Application

Created a Todo Application using react and tailwind. Used Context-API to manage states in components. User can create, delete and update and mark the completed tasks.

- GitHub: [github.com/Snowden-o/todoContext](https://github.com/Snowden-o/todoContext)

### Currency Converter Application

Effortlessly convert currencies in real-time with this React app, built using Vite. Injected React built-in hooks along with custom hooks to enhance app performance.

- GitHub: [github.com/Snowden-o/currencyConverter](https://github.com/Snowden-o/currencyConverter)

## COURSES & CERTIFICATIONS

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- The Modern JavaScript Bootcamp by Udemy
- Learn JavaScript by Codecademy
- JavaScript Algorithms & Data Structures from Udemy