

# Apu Roy

## MERN Stack Developer

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## Summary

Passionate Web developer with experience in building responsive and user friendly web applications. Skilled in React.js, Tailwind CSS, and MongoDB. I have strong JavaScript skills and experience with Python, C++, MATLAB, Fortran, MySQL, and Git, ensuring smooth collaboration and clean code.

## Skills

### MERN Stack Expertise:

- **Frontend:** React.js, Tailwind CSS, HTML5, CSS3.
- **Backend:** MongoDB for database management CRUD operations.
- **Version Control:** Git for collaborative development and data integrity.

### Programming Proficiency:

- **Primary Languages:** JavaScript, Node.js, Python, C++
- **Additional Experience:** MATLAB, Fortran, MySQL, PostgreSQL

## Projects

### Edu Quest

*ReactJS-Based Web Application* | *January, 2025* | [Live Site](#)

- Integrated Firebase for authentication and JWT for secure user access.
- Utilized MongoDB for efficient CRUD operations.
- Built a dynamic, fully responsive online education platform with ReactJS and React Router.

### Game Critique

*ReactJS-Based Web Application* | *December, 2024* | [Live Site](#)

- Implemented React Router for seamless navigation and dynamic routing.
- Developed a dynamic and fully responsive game review platform utilizing ReactJS for the frontend.
- MongoDB for CRUD operations and utilized Firebase for efficient API communication.

### Volunteer Port

*ReactJS and Node.js-Based Web Application* *December, 2024* | [Live Site](#)

- Implemented a secure backend with Express.js, CORS, environment variables (.env), and firebase for authentication
- Developed a responsive application with full CRUD functionality, utilizing MongoDB for efficient database operations.
- Built an interactive UI using ReactJS for better user experience.

## Education

- **B.Sc. in Mathematics** - (Jan 2019 – Present)  
Bangabandhu Sheikh Mujibur Rahman Science and Technology University (BSMRSTU)
- **H.S.C.** - BAF Shaheen College, Jashore. (2016-2018)

## Language Proficiency

- **Bangla-** Native      **English-** Fluent