

Roshan Pathak

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Education

Technocrats Institute of Technology

Bhopal, India | Aug 2019 - May 2023

- Bachelor of Technology, Computer Science

Higher Secondary Education

Bhopal, India | Mar 2018 – Apr 2019

- Bonnie Foi co-ed School

Projects

In-browser markdown editor | [Link](#) | [View on GitHub](#)

- Developed and deployed a full-stack web application to create and manage markdown documents.
- Designed a responsive user interface using **EJS**, **CSS3**, and **JavaScript**, enhancing the user experience.
- Implemented RESTful API using **Node.js** and **Express.js** to handle HTTP requests and serve data.
- Utilized **MongoDB** database to store markdown documents and user information.

Quickdraw | [Link](#) | [View on GitHub](#)

- Created a collaborative whiteboard using **HTML5**, **CSS3**, **JavaScript**, **Node.js**, and **Socket.io**.
- Added features like live board sharing, real-time editing, and end-to-end encryption of the content.
- Used the AES (Advanced Encryption Standard) algorithm to achieve end-to-end encryption.

Resume Builder Application | [Link](#) | [View on GitHub](#)

- Created a professional field-tested resume templates that follow that exact 'resume rules' employers
- Implemented the project using **HTML5**, **CSS3**, and **Javascript**
- Leveraged advanced JavaScript concepts like DOM manipulation.

Technical Skills

Programming Languages: Java, JavaScript

Web Technologies: HTML5/DOM, CSS3

Database Management: MySQL, MongoDB

Miscellaneous: React, Node.js, Express.js, Git

Achievements

- Achieved **Rank 12** in GFG Weekly Coding Contest 81 out of 520 participants (top 2.30%).
- Secured **Global Rank 689** in LeetCode Weekly Contest 313 out of 22,878 participants.
- Passed HackerRank Skills Certification Test of **SQL (Intermediate)** [Certificate](#).

Coursework

- Object Oriented Programming (OOPs)
- Operating System
- Database Management System
- Analysis and Design of Algorithm