

# Aerin Patel, web-dev

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## PROFESSIONAL SUMMARY

A software developer skilled in building web solutions with modern frameworks and optimizing performance through competitive programming and DSA. Focused on delivering efficient, user-centric applications.

## PROJECTS

### Denzo

- Developed a **full-stack** task management website with features like task creation, updating, and deletion, offering an exceptional user experience and a clean UI.

**Frontend:** HTML, CSS, JavaScript

**Backend:** Node.js, Express.js

**Authentication:** JSON Web Tokens (JWT)

**Security:** Implemented Zod for validation and Bcrypt for password hashing to ensure high-level user data protection.

**Database:** MongoDB with Mongoose ORM for seamless data operations.

**GitHub:** <https://github.com/aerinpatel/Denzo.git>

### Phish Guard (chrome extension)

- Developed a Chrome extension for URL analysis and threat detection as part of a cybersecurity hackathon team.
- Ranked as winner out of 300+ teams, extension analyzed over 500 URLs with a 95% threat detection rate.
- Built the extension while the team also developed a companion app to enhance overall security.

**Tech Stack:** HTML, CSS, JavaScript,

APIs(express.js,nodejs)

**github:** <https://github.com/aerinpatel/cybersecurity-hackathon.git>

### Code Demo

- Developed a responsive two-page web app with a live coding environment for HTML, CSS, and JavaScript, enabling instant preview functionality.
- Integrated a landing page linking to social profiles and project details.
- Tested by 10+ users, improving code efficiency and debugging.

**Tech Stack:** HTML, CSS, JavaScript

**github:** <https://github.com/aerinpatel/code-Craft>

**hosted link:** [code-craft-io.netlify.app/](https://code-craft-io.netlify.app/)

## Hobbies

- Piano
- Badminton
- reading

## Languages Known

English, Hindi, Gujarati

## Skills

- DSA:** C++, C, Python
- Web-Dev:**
  - Front-end:** HTML, CSS, JS, bootstrap
  - Back-end:** Node.js, Express.js, mongodb
  - Database:** mongodb, sql
  - Authentication:** JWT
- Tools:** Github, git, postman, netlify
- Software development concept:** DBMS, Oops

## EDUCATION

### Vit Bhopal

September 2023 – Present

CGPA – 8.84

- Completed over 100 LeetCode challenges, reinforcing proficiency in data structures, algorithms, and problem-solving.
- Collaborated on team-based coding tasks, improving efficiency in debugging and project execution.

### L.P.SAVANI VIDHYABHAVAN(GSEB)

May 2009 – June 2023

JEE percentile – 93.98%

12th marks – 91% percentile and 74% percentage

10th marks – 88% percentile and 78% percentage

## OTHER ACHIEVEMENTS

### 1st in MP Police Hackathon

- Awarded first prize in a prestigious cybersecurity hackathon organized by the MP Police. Competing against 350+ teams from leading colleges across Madhya Pradesh, I developed innovative security solutions that not only demonstrated my technical expertise but also significantly enhanced my leadership and problem-solving skills.

### 2nd in code garuda

- Secured Second Prize in a highly competitive college hackathon organized by the Microsoft Club, where over 35 teams participated. Demonstrated rapid problem-solving skills by developing a fully functional to-do application in under 30 minutes, and further enhanced another team's code within the next 30 minutes, showcasing exceptional technical proficiency, teamwork, and adaptability under pressure.

### 2nd Place – School-Wide Poster Making Competition

- Designed a visually compelling "Save Earth" poster, showcasing creativity and artistic skills. The poster was evaluated by school judges and received recognition for its impact, contributing to increased environmental awareness among 200+ students.
- Participated in school-wide competitions, solving problems using alternative methods and ensuring accurate outcomes through systematic review.