Samarth Patil

patilsamarth543@gmail.com | +91 9579951712| Portfolio

I'm an engineering student who loves to use technology to solve real-world problems, especially in **public service and governance.** I have hands-on experience in UI/UX, web development, and building AI solutions to tackle misinformation. Recently, I was part of the winning team at **Smart India Hackathon 2024.**

SKILLS

- **Languages:** HTML, CSS, JavaScript, Python, Java, C
- **Frameworks and Libraries:** React.Js, Tailwind CSS, Bootstrap, Node.js
- **Data Management:** MySQL, PostgreSQL, MongoDB
- **Tools:** Git, GitHub, VS Code, AWS, Figma

PROJECTS

- **FactShield - AI-powered fake news detection WebApp**
  - It as an AI-driven platform using **React** and **Machine Learning** to detect fake news, manipulated images, and deepfake videos.
  - Optimized **API performance and data processing**, cutting **response time by 50%**, ensuring real-time analysis.
  - Played a pivotal role in **project architecture and execution**, directly contributing to the **winning solution.**
- **Coffee Shop Management System**
  - It is a full-stack web application using **React.js, Node.js, Express.js, and MySQL** for managing orders, inventory, and users.
  - Implemented **JWT authentication, role-based access, and a RESTful API** for secure and efficient operations.
  - Designed an **interactive UI/UX** for seamless customer experience and an **admin dashboard** for managing orders and menu items.
- **Weather Map WebApp**
  - Built an interactive weather app using **React.js** and allowing users to click on a map to view real-time weather data.
  - Integrated **API** to display temperature, humidity, wind speed, and forecasts.
  - Designed an intuitive **UI/UX** for seamless weather exploration.

EDUCATION

- Walchand Institute of Technology, Solapur
  B-Tech in ENTC (Electronics & Telecommunication) | **CGPA: 9.46** (2022-2026)
- English School Jr. College, Mangalwedha
  XII | 67.68% | (2021-2022)

ACHIEVEMENTS

- **Winner, Smart India Hackathon (SIH) 2024.**
- 1st Prize, Inter-College UI/UX Competition.
- Solved 150+ DSA problems with consistency and got 50 day's badge on LeetCode.

CERTIFICATIONS [LINK]:

- **NPTEL:** Programming, Data Structures, and Algorithms using Python
- **IBM SkillsBuild:** Use of Generative AI for Software Development

LANGUAGES: English. Hindi, Marathi

LINKS:

- LinkedIn: LinkedIn
- Github: [Github Profile](Github%20Profile)
- LeetCode Profile: [LeetCode Profile](LeetCode%20Profile)
- GFG Profile: GeeksforGeeks