Swapnil Jadhav

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 Swapnil-2503   in Swapnil Jadhav   🌐 mywebsite (Portfolio)

EDUCATION

• **Government College of Engineering, Karad** — *2020-2024*
Btech. Electronics and Telecommunications — CGPA: 7.4

• **Chatrapati Shivaji jr. Science College, Osmanabad** — *2020*
Higher Secondary Certificate , Maharashtra Board — Percentage: 77.54

• **Samata High School, Osmanabad** — *2018*
Secondary School Certificate, Latur Board — Percentage: 85.80

CODING PROFILES

• **CodeChef** | **LeetCode** | **GeeksforGeeks** | **HackerRank** — *2020 - Present*
Codechef 2 Stars, 600+ Problems Solved — Problem Solving| Java| DSA

PERSONAL PROJECTS

• **SwapCode** Real-time collaborative code editor allowing multiple users to edit together. — *Feb 2023*
  – **Tools & technologies**: React.js, Node.js, Socket.io, CodeMirror — [GitHub Repo.]
  – The project enabled real-time collaboration and code highlighting for multiple programming languages, while also providing multiple color themes.
  – By implementing this project, I was able to improve my full-stack web development, real-time communication, and collaborative software development skills.

• **CropTrack** Developed sensor data monitoring system for farmers. — *July 2022*
  – **Tools & technologies**: RPi, Various Sensors, Node.js, Express.js, React.js — [GitHub Repo.]
  – Developed a crop tracking system using Raspberry Pi and various sensors, allowing for real-time monitoring of crop health. Implemented a RESTful API to receive and retrieve sensor data, and a user-friendly web application for visualizing the data.
  – In the Crop Track project, I learned to work with Raspberry Pi, various sensors, Node.js, Express.js, and React.js to develop a system that can monitor and track the temperature, humidity, and distance of crops.

• **Notepad** A Java-based text editor with file management functionalities. — *Nov 2021*
  – **Tools & technologies**: Java Swing, AWT, File I/O — [GitHub Repo.]
  – I developed a Notepad application which includes features such as text editing and file management similar to the default Notepad in Windows. It was developed using Java Swing and AWT technologies, making it platform-independent.
  – Improved my Java programming skills and gained experience in building graphical user interfaces using Swing and AWT technologies.

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, C++, SQL
Developer Tools: React.js, Node.js, Express.js, Android Studio, Git
Frameworks: Spring Boot
Cloud/Databases: Firebase, MySQL, MongoDB
Soft Skills: Teamwork, leadership, Problem-solving, Adaptability
Coursework: DSA, OOP, DBMS, Problem Solving, Computer Networks, Operating Systems

POSITIONS OF RESPONSIBILITY

• **Team Leader,** Smart India Hackathon (Project : Virtual Visit to Indian Pilgrimage)
Got **Rank 7 out of 50 teams** University Level. Live || Github Repo. — *Dec 2021 to May 2022*

• **Team Member,** Aptitude Training Portal, GCEK
Responsibility of preparing aptitude tests for around **300 students** — *Aug 2022 - present*

ACHIEVEMENTS

• **Gold Badge** Awarded for advanced Java programming skills demonstrated through HackerRank challenges.
• **Google Kickstart** Ranked **961 out of 25k** participants in Google Kickstart 2022 Round F.
• **Github** Collaborated on open-source repositories on GitHub, creating issues and providing feedback for VSCode and Kubernetes. Developed skills in codebase navigation and collaborated to improve software quality.
• **Freelancing** Completed 5 Bootstrap projects for clients on freelancing websites, showcasing front-end development skills and meeting tight deadlines.

INTERESTS & HOBBIES

I enjoy creating **YouTube** videos on development, problem-solving, and entertainment, as well as exploring new places, riding bikes, reading articles and tweets, and tackling challenging problems.