SOURABH PATIL

Kolhapur,Maharashtra,416113

📞 7499139800 ✉ sourabhpatil2611@gmail.com in linkedin.com ⊙ github.com/sourabh-patil-7

Education

B.Tech, Computer Science and Engineering   **Dec. 2021 — 2025**

Wachand College of Engineering, Sangli   *CGPA: 9.29*

Relevant Coursework

- Data Structures and Algorithms
- Object Oriented Programming
- Operating System
- Database Management Systems
- Computer Network

Experience

Tomtom   **June 2024 – Present**

Software Engineering Intern   *Hybrid*

- Developed and integrated a comprehensive fallout handling mechanism in feature mappers utilizing Spring Boot and Apache Spark. This implementation improved system resilience by ensuring uninterrupted pipeline operation even in the face of unexpected errors, effectively reducing downtime by 20%.
- Designing and implementing a detailed overview system for fallouts, facilitating real-time monitoring and rapid identification of issues. This enhancement streamlined the debugging process and significantly boosted pipeline reliability and efficiency, resulting in the increased operational performance.

Projects

BlogDiary — React JS, Redux Toolkit, Express JS, MongoDB

- Created a blogging website with JWT and GoogleAuth for authentication, and an admin management system.
- Incorporated light/dark mode toggles and various interactive features including search, sort, comments, likes, and edit options using Redux Toolkit and React Quill.
- Ensured responsive design for an optimal user experience across different devices.

TokenGuard Backend System — Express JS, MongoDB

- Designed and developed a robust backend system using Express.js and MongoDB, implementing JWT and bcrypt for secure user authentication and authorization processes.
- Implemented rate limiting of 100 requests/minute per IP and enhanced security with OTP via nodemailer

JavaKBC — Java, JDBC

- Created a Java-based game simulating the exhilarating experience of the popular KBC show.
- Seamlessly integrated JDBC for database connectivity, demonstrated advanced programming and database management skills.

Technical Skills

Programming Language: C++, Java
Web Development: HTML, CSS, JavaScript, Express JS, React JS, Tailwind CSS, Node JS, Spring Boot
Database: MongoDB, MySql
Tools and Technologies : Git, Docker, Apache Spark (Basic Knowledge)

Achievements

- Global Rank:Achieved 50th place in Codechef August Long 2022 DIV 4 and 158th place in Codechef Starters 119 DIV 3
- Codechef: Solved more than 340 problems with a maximum contest rating of 1668 (3-star).
- Leetcode: Solved more than 430 problems.
- Academic Excellence: Maintained a CGPA of 9.0+ from the first semester.
- MHT-CET 2021: Secured a percentile of 99.73.

Coding Profiles

Leetcode: sourabhpatil$_2$6	GeeksForGeeks: sourabhpatil2611	Codeforces: sourabhpatil7
Codechef: patilsourabh	Hackerrank: sourabhpatil2611	

Hobbies

* Chess: Achieved a max rating of 1481 on Chess.com.
* Cricket: promoting teamwork and physical fitness.