

# Abhijeet Somkuwar

Nagpur, Maharashtra, India • [abhijeetsomkuwarjob@gmail.com](mailto:abhijeetsomkuwarjob@gmail.com) • 9021522219 • [linkedin.com/in/abhijeet-somkuwar-929025194](https://www.linkedin.com/in/abhijeet-somkuwar-929025194)  
[github.com/Abhijeet-somkuwar](https://github.com/Abhijeet-somkuwar)

I am a recent engineering graduate who is motivated and diligent, seeking a job opportunity to apply my theoretical knowledge and hands-on skills in a practical engineering environment. I am skilled in C, C++, Python, MERN stack web development, and data science, including machine learning and AI. I am eager to contribute to innovative projects while gaining valuable industry experience and professional development.

## SKILLS

**Programming languages:** C, C++, Python, JavaScript, HTML, CSS  
**Software Development:** API Development, Node.js, RESTful APIs, Agile Methodologies, Git (Version Control)  
**Databases:** MySQL, PostgreSQL, MongoDB  
**Frame works:** Django, Express.js, React.js, OpenCV, Machine Learning (ML), Docker, Jenkins  
**Operating Systems:** Linux, Windows  
**Other Skills:** Problem-solving (Solved 200+ DSA Problems on Leetcode)

## WORK EXPERIENCE

<b>Intern</b> <b>Incise infotech pvt. Ltd.</b> Python, UEFI, Firmware, BIOS. UEFI S3 State and Firmware Development: Gained a comprehensive understanding of UEFI firmware architecture, including the boot flow phases: SEC (Security), PEI (Pre-EFI Initialization), DXE (Driver Execution Environment), BDS (Boot Device Selection), TSL (Transient System Load), RT (Run Time), and AL (After Life). Acquired knowledge of ACPI power states, UEFI boot flow, and secure boot implementations. Worked with EDK2, focusing on system sleep states, particularly the S3 (Suspend to RAM) state. Automated Time Logging Script: Developed a Python script to automate precise time tracking for tasks, enhancing workflow efficiency and data integrity. Utilized for project management, task automation, and event logging.	<b>Mar 2024 - Aug 2024</b> <b>Bengaluru</b>
<b>Intern</b> <b>IDIVIFY solutions pvt. Ltd.</b> MERN STACK Developer: Developed a Healthcare website. Developed and implemented new frontend features, resulting in a 15% increase in user engagement	<b>Jan 2024 - Mar 2024</b> <b>Nagpur</b>
<b>Trainee</b> <b>ITnetworkz</b> learned fundamental concepts of HTML, CSS, and JavaScript through intensive self-guided study and hands-on project development, completing over 20 small web projects within a 3- month period to solidify coding proficiency. Completed a rigorous 12-week training program, mastering key industry tools such as Python, and contributed to a team project that improved process efficiency.	<b>Mar 2022 - May 2022</b> <b>Nagpur</b>

## EDUCATION

<b>B.Tech</b> Priyadarshini Bhagwati college of engineering Computer Science Engineering	<b>Feb 2021 - Jul 2024</b> <b>GPA: CGPA: 7.47</b>
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## PROJECTS

**TestUS plus Healthcare Website Developer (MERN Stack)**  
Developed a healthcare website using the MERN stack and Bootstrap 5, enabling user bookings for blood tests, home sample collection, and elderly care services. Designed a user-friendly interface for seamless navigation while ensuring secure handling of personal and medical data.

**Log File Time Difference Calculator (Python)**  
Developed a Python script to parse log files, extract timestamps, and calculate time differences, reducing manual effort and improving accuracy. Automated extraction and processing enhanced efficiency by 50%, with robust error handling reducing failures by 25%. The script supports multiple time formats, optimizing log analysis performance.

**Face Recognition Attendance System**  
Developed an automated attendance system using face recognition and emotion detection, reducing manual effort by 40% with 95% accuracy. Processed 60+ individuals in real-time, logging attendance in an Excel file. Leveraging OpenCV, dlib, and pandas, it improved detection speed, cutting data processing time to 1.5 seconds while minimizing errors and proxy attendance.

## CERTIFICATIONS

**REVIEW ON CYBER SECURITY IN BUSINESS** by **JOURNAL OF EMERGING TECHONOLGIES AND INNOVATIVE RESEARCH (JETIR)**  
**ENHANCING COMPUTER HARDWARE LEARNING AND UNDERSTANDING USING AR/VR.** by **JOURNAL OF EMERGING TECHONOLGIES AND INNOVATIVE RESEARCH (JETIR)**  
**CERTIFICARTE IN C AND C++ PROGRAMMING** by **I-TECH COMPUTER ACADEMY**

## LANGUAGES

**Marathi** (Native proficiency) • **English** (Full professional proficiency) • **Hindi** (Full professional proficiency)