

ROHAN PADALKAR

SUMMARY

IT professional with a keen eye for detail and a solid foundation in programming, networking, and database management. Skilled in CSS, HTML, Bootstrap, JavaScript, SQL, and project management, with hands-on experience in web development and system troubleshooting. Passionate about leveraging technology to solve real-world problems and eager to contribute to a dynamic team, continuously enhancing technical skills through challenging projects and collaboration.

EDUCATION

BE - ELECTRONICS AND TELECOMMUNICATION ENGINEERING <i>Savitribai Phule Pune University</i>	Nov 2021 - Jun 2025 <i>Pune</i>
HSC - SCIENCE <i>Army Public School</i>	Apr 2020 - Jul 2021 <i>Pune</i>
SSC <i>Army Public School</i>	Apr 2018 - May 2019 <i>Pune</i>

PROJECTS

AUTONOMOUS FIRE SUPPRESSION ROBOT BASED ON ARDUINO

- Designed and programmed a fire-suppression robot using Arduino and flame sensors
- Integrated motorized water-spraying system and real-time navigation with obstacle detection
- Focused on automation, safety protocols, and real-world application of robotics

SOLAR TRACKING SYSTEM

- Led a team in developing a dual-axis solar tracking system to maximize solar energy efficiency
- Applied sensors and embedded logic to achieve accurate alignment with sunlight
- Enhanced system reliability through problem-solving and rigorous testing

SKILLS

CSS, HTML, Bootstrap, JavaScript, SQL, Excel, JQuery, Project Management, C, Team Collaboration, Time Management, Problem Solving, Communication, Java.

EXPERIENCE

INTERN <i>512 Army Base Workshop</i>	Dec 2023 - Jan 2024 <i>Pune</i>
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- Conducted thorough testing on electronic systems, identifying faults and implementing solutions that improved overall performance.
- Demonstrated strong problem-solving skills while learning engineering practices, adapting quickly to the fast-paced defense environment.
- Analyzed system performance data to inform troubleshooting strategies, achieving measurable improvements in reliability and efficiency.

LANGUAGES

English (*Proficient*), Hindi (*Highly proficient*), Marathi (*Native*).