

Akash Mangond

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SUMMARY

Electrical engineering student passionate about leveraging my knowledge to contribute effectively. With a solid foundation in electrical principles, coding skills, and a keen interest in emerging technologies, I aim to apply my academic background to real-world challenges.

EDUCATION

2021 - 2025	B.Tech, Electrical and Electronics Engineering, REVA University	CGPA: 7.70
2019 - 2021	Pre-University, Science (PCMB), Shree Guru Ind PU College of Science	93%
2019	Secondary Education, Mother Teresa English Medium School	89%

LEARNING EXPERIENCE

- **API Testing with Postman:** Studied and implemented API testing using Postman, learned how to create and automate API test scripts, validating various HTTP methods, headers, and responses.
- **Selenium WebDriver with Java:** Self-learned and applied Selenium WebDriver for automating web browsers, focusing on creating automated test scripts for web applications, handling dynamic content, and performing cross-browser testing.
- **TestNG Framework:** Gained hands-on experience with the TestNG framework for automating test cases, managing test data, generating reports, and integrating with CI/CD pipelines.
- **Automation Testing Best Practices:** Studied various techniques and best practices for structuring automation scripts, handling test failures, and ensuring the scalability and maintainability of automated test cases.

PROJECTS

- **Remote Controlled Water Surface Cleaner:** A device designed to collect debris from water bodies, combining mechanical and control systems for efficient operation.
- **Agro-Tech Guardian (Arduino Powered Smart Agriculture):** Project focused on using Arduino for optimized resource usage, crop health monitoring, and productivity enhancement.
- **Autonomous Rover for Precision Pest Detection and Eradication:** A robotic system for detecting and eradicating pests autonomously with precision.
- **Railway Management System:** Application for train information, booking, cancellation, and administrative features.
- **Digital Portfolio:** Portfolio showcasing diverse projects, skills, and experience. [[Portfolio Link](#)]

SKILLS

Programming: Core Java, C++, SQL, HTML, CSS

Tools: Vs-Code, Eclipse, Selenium, Jmeter, Testng Framework

Soft Skills: Teamwork, Communication, Leadership, Problem Solving

Languages: English, Kannada, Hindi

CERTIFICATIONS

- **SQL (Basics):** HackerRank - [[Verify Here](#)]
- **MATLAB**
- **C++**