

NAMAN SOMANI

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ABOUT

I'm mature and dependable, good at getting along with others. I take my responsibilities seriously and enjoy working with a team. When faced with challenges, I'm not afraid to tackle them head-on, and I'm always open to trying new things. I believe in staying positive, both in my personal life and at work, and I'm always looking for ways to improve and grow.

TECHNICAL SKILLS

- C/C++
- MATLAB, Simulink
- SQL
- Microcontroller programming
- WebDev (JavaScript, CSS, ReactJS)

SOFT SKILLS

- Strong problem-solving
- Critical thinking
- Leadership
- Attention to detail
- Adaptability

PROJECTS

Smart Mirror Project:

IoT Project • 2024

- Developed a Smart Mirror integrating real-time information display with traditional mirror functionality.
- Utilized Raspberry Pi and LCD display for weather updates, news headlines, calendar events, and fitness stats.

Remote Pan and Tilt Camera Controller Project

Minor Project • Dec 2023

- Directed a team in a project focused on designing and implementing a remotely operated Pan and Tilt Camera Controller using ESP-32 Module.
- Facilitated communication and coordination among team members to successfully integrate hardware and software components, resulting in a functional and efficient camera control system

Research Project: Control System Design

Research • Sept 2023–Dec 2023

- Conducted research under Teacher's guidance on control system design.
- Investigated various methodologies and approaches for designing effective control systems.
- Presented findings to faculty, showcasing understanding of control system principles and methodologies.

EDUCATION

Bachelor of Technology in Electrical and Computer Engineering

Manipal University Jaipur • 2021–2025

- TMA Pai Merit Scholarship Recipient
- Dean's List Honoree for 4 semesters with a Cumulative **GPA of 9.62**
- Served as Branch Class Representative for 4 semesters

Senior Secondary Education

S.R. Public Sr Sec. School • Class of 2020

- Scored 86.2 percentages

Secondary Education

Indian Public School • Class of 2018

- Scored 82.2 percentages

HOBBIES

- I'm really passionate about UAV controlling, particularly finding innovative solutions to enhance their performance and capabilities. I enjoy delving into the intricacies of controlling these unmanned vehicles, brainstorming new strategies, and refining existing methods. This interest isn't just a casual pursuit; it's what motivates me to contribute meaningfully to the field of UAV technology. I'm excited about the opportunity to apply my skills in a research internship, collaborating with experts to push the boundaries of UAV technology and its applications.