

ANUBHAV SHRIWASTAVA

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CAREER OBJECTIVE

Dedicated and results-driven professional with extensive experience in embedded firmware engineering and executive leadership, including current role as Chief Operating Officer at Swaroop.ai. Proven track record in managing technical projects, leading diverse teams, and driving innovation. Seeking a challenging position to leverage my expertise in technology and leadership, aiming to contribute to organizational growth and success while continuously developing my skills and fostering technological advancements.

EXPERIENCE

- CHIEF OPERATING OFFICER Swaroop.ai

January 2024 - Present

 - Oversee daily operations to ensure smooth functioning across all departments, including engineering, marketing, and customer support.
 - Manage financial planning and budgeting, overseeing resource allocation to maximize return on investment and support strategic initiatives.
 - Implement policies and procedures to improve operational workflows, enhance productivity, and ensure compliance with industry standards.
 - Foster a culture of continuous improvement and innovation, encouraging employees to share ideas and collaborate on solutions to complex problems.
- EMBEDDED FIRMWARE ENGINEER Virani Dynamics LLP

July 2023 - May 2024

 - Designed and developed firmware for embedded systems, ensuring seamless integration with hardware components.
 - Conducted rigorous testing and debugging of firmware to identify and resolve issues, improving system reliability and performance.
 - Worked with advanced microcontrollers, including C2000, to enhance system capabilities and performance.
 - Trained and mentored junior engineers, providing guidance on best practices in embedded firmware development.

INTERNSHIP EXPERIENCE

- EMBEDDED FIRMWARE INTERN Electrify Services

May 2023 - July 2023

 - Programmed microcontrollers such as Arduino boards, ESP32 and STM32 controllers.
 - Deployed final product on target devices after successful completion of all tests.
 - Implemented secure coding practices while developing firmware applications.
 - Resolved hardware and firmware conflicts between components of the embedded system by performing troubleshooting techniques.
- EMBEDDED ENGINEER INTERN Revamp Moto

January 2023 - April 2023

 - Built and validated prototypes from scratch following including wiring diagrams, schematics engineering drawings and specifications
 - Conducted rigorous testing and debugging of firmware to identify and resolve issues, improving system reliability and performance.
 - Participated in meetings with vendors to discuss component sourcing and availability.
 - Tested products at different stages of assembly to ensure quality control.

- PRODUCT DEVELOPMENT INTERN** **eInfochips** May 2022 - June 2022
 - Assisted in developing netlist of “180nm two stage Op-Amp using NGSpice.
 - Participated in brainstorming sessions with other
- WEBSITE DEVELOPMENT INTERN** **Technikien Technologies LLP** January 2022 - March 2022
 - Implemented responsive design principles to ensure cross—platform compatibility.
 - Developed and tested web applications using HTML, CSS and JavaScript.
 - Assisted in developing newr features and functionalities for existing websites.
 - Maintained active communication with clients throughout the development process.
- PCB DESIGN INTERN** **Technikien Technologies LLP** January 2022 - March 2022
 - Designed detailed schematics and layouts for multi-layer boards using EDA software ensuring optimal performance and reliability.
 - Generated comprehensive fabrication drawings with all pertinent information required by manufacturers
- DIGITAL MARKETING & CONTENT DESIGN INTERN** **Kwikpic Technical Services** January 2021 - March 2021
 - Created content for social media channels to boost website traffic and improve SEO rankings
 - Brainstormed creative ideas to improve branding and company messages.
 - Edited and proofread content for accuracy and clarity with compelling headlines and titles to attract readership.
 - Developed a comprehensive digital marketing strategy to increase brand awareness and optimize customer Engagement.

EDUCATION

- ELECTRONICS AND COMMUNICATION ENGINEERING (BE)**
G H Patel College of Engineering and Technology, Anand, Gujarat April 2023
- HSC**
Kameshwar Vidya Mandir, Ahmedabad, Gujarat June 2019
- SSC**
Saint Xavier’s English School, Junagadh, Gujarat May 2017

SKILLS

- C Language [Advanced]
- Embedded C [Intermediate]
- Microcontrollers [Advanced]
- Web Design [Intermediate]
- Adobe Softwares
- Leadership Skills
- C++ Language [Intermediate]
- Python [Intermediate]
- PCB Design [Beginner]
- Graphic Design
- Creative Concept Development
- Public Speaking

ACHIEVEMENTS AND AWARDS

- IEEE Robomania’22 International Finalist
- Received grant and represented Gujarat Section at International Leadership Summit, Hyderabad
- Developed a product for India’s largest pizza outlet (Dominos Pizza)
- Youth’22 Poetry winner (State)

PROJECTS

- Hotkeep (heating box)
- Encoder (eQEP & eCAP)
- 48 temperature sensor & logger system
- UV Bottle
- Smartwatch using C2000 controllers
- EV Wiring harness
- Humidity Controlled Mushroom Chamber
- Packeye (Industrial packaging monitoring system)
- Piezoelectric Doormat
- UV Sanitizing Robot
- Waste Segregation System
- Dynamometer
- Flash Programming EEPROM
- Laser Security System

VOLUNTEER EXPERIENCE

IEEE RAS CHAIRPERSON IEEE GCET SB

- Organized conferences, workshops, seminars, and competitions, ensuring high participation and engagement.

AICTE IDEA LAB COORDINATOR GCET

- Managed and Conducted events to brief students about ongoing technological trends.

WEBSITE DEVELOPMENT LEAD IMAZE'22

- Managed website development team. ensuring projects were completed on time for College annual Fest.

CLASS REPRESENTATIVE EC

- Demonstrated ability to effectively collaborate and communicate with diverse groups of people.

CAPTAIN GCET Football Team

- Executed Role of Leader by evaluating and using Human resource in efficient and effective way.

ANCHOR Rangmanch

- Lead the responsibility to effectively present the organization at its best.

- Coordinated with different CEOs and Public Speakers to deliver enhanced and furbished knowledge to the participants.

- Developed e-knowledge videos and shorts about the microcontrollers and briefings.

- Documented processes for all aspects of website development cycle.

- Initiated programs which encouraged active participation from all grade levels.

- Assisted in executing game plans and adjusting tactics on field, based on the flow of the game.

- Served the stage with my content and Humor.

LANGUAGES

- English**
Bilingual
- Gujarati**
Native
- Hindi**
Native
- Marathi**
Intermediate