

# SAMRUDH KISHSAN P M

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## OBJECTIVE

As a fresh graduate, I am looking for an opportunity that will enable me to creatively showcase my talents all the while adapting to challenge new skills and processes to build my ideal career.

## EDUCATION

**B.Tech, Electronics and Communications Engineering** December 2020 - May 2024  
APJ Abdul Kalam Technological University 7.58 CGPA  
Government College of Engineering, Kannur  
Relevant coursework: Embedded Systems, Wireless Communication and Internet of Things Architecture.

## TECHNICAL SKILLS

**Programming:** Python(Proficient), C++  
**Web Development:** HTML, CSS, JavaScript  
**Libraries/Frameworks:** React.js, Node.js  
**Database:** MySQL  
**Tools:** VS code, Git, Figma  
**Platforms:** Vercel

## EXPERIENCE

**Accelmove Dynamics, Technopark, SBC 8, Thejaswini Building: Intern** Feb 2024  

- Actively contributed to various projects and initiatives, showcasing a high level of professionalism and adaptability.
- Gained hands-on experience in programming and teamwork within a professional environment.

## PROJECTS

**Water Quality Monitoring System using LoRaWAN** December 2022 – May 2023  
Collaborated in a team of four to design and demonstration of a working model.

- Deployed sensors to measure pH, turbidity, and total dissolved solvents with long-range data transmission.
- Designed a centralized dashboard for real-time data visualization and analysis.quality issues.
- Optimized for remote locations with low power consumption and efficient communication..

**Pollution Monitoring System for Enhancing Sustainability of Environment using IoT** June 2023 - May 2024  
Collaborated in a team of four to design and implement an IoT-based pollution monitoring system.

- Monitored air quality, sound pollution, CO levels, and particulate matter with ESP32-CAM for video streaming.
- Developed the Airify Android app for live data visualization, analysis, and remote control streaming.
- Powered by a 15W solar panel and integrated safety measures for high CO levels like a suction pump.
- Used Firebase for real-time data storage and updates.

**Personal Web Portfolio** June 2024 - Present  

- Built a responsive portfolio using React.js, showcasing projects and skills with interactive UI components.
- Implemented React Router and Hooks for navigation and state management.
- Deployed on Vercel, achieving 90+ Lighthouse performance score.
- Portfolio: <https://react-alpha-blush-61.vercel.app/>