

# Abishek Kandan K S

☎ 9944821737 ✉ abishekkandan2310462@ssn.edu.in 🔗 [linkedin.com/in/abishekkandan/](https://www.linkedin.com/in/abishekkandan/) 📞 abishek-012

## 👤 CAREER OBJECTIVE

Motivated Electronics and Communication Engineering undergraduate with a strong interest in software development. Familiar with full-stack web technologies, programming, and system design. Seeking to apply technical knowledge, problem-solving abilities, and a collaborative mindset to contribute effectively to innovative software projects while continuously learning and growing in the tech industry.

## 🎓 EDUCATION

### Sri Sivasubramaniya Nadar College of Engineering

Sep 2023 – Present

*B.E. in Electronics and Communication Engineering (Reg no: 3122233002003)*

Chennai, TN

- CGPA: 8.155/10 (first 4 semesters)

## 📁 INTERNSHIPS

### CopterCode

June 2025

*Full-stack Development Intern*

- Collaborated with a team to build a full-stack web application, implementing real-time features and responsive user interfaces.

### Vikra Ocean Tech

July 2025

*Systems Intern*

- Designed control systems for underwater ROVs focusing on stability and responsiveness.
- Integrated and calibrated thrusters to enable precise underwater movement and control.

### BSNL-RGMMTC, IITM

June 2025

*Telecommunication Intern*

- Gained practical exposure to telecom infrastructure, switching systems, and optical fiber communication

## </> PROJECTS

### IFP Underwater ROV(Ongoing)

Jan 2025

- Conducting research at the Underwater Acoustics and Research Lab on ROVs, focusing on data acquisition and the integration of a ping echosounder to improve navigation efficiency in an internally funded project.

### Automatic Street Light Using LDR

May 2024

- Implementing street light automation based on ambient light detection.

### Arduino-Based Obstacle Avoiding Car

May 2025

- Built an autonomous car using Arduino and ultrasonic sensors to detect and avoid obstacles in real time.

### E-Library Website

June 2025

- Developed a full-stack e-library web application using MongoDB, Express.js, React, and Node.js.
- Enabled users to browse, borrow, and manage digital books with secure login and admin features.

## ⚙️ SKILLS

**Languages:** Python, JavaScript (Basics), C++, Git

**Tech Stack:** HTML, CSS, MongoDB, Express.js, React.js, Node.js(MERN)

**Platforms/Tools:** GitHub, VS Code, Vercel, Arduino IDE, Matlab

**Soft Skills:** Teamwork, Communication, Leadership

## ⚙️ COURSES & CERTIFICATIONS

### Affective Computing – NPTEL

April 2025

- Explored how machines can recognize, interpret, and respond to human emotions.

### AI/Engineering Workshop

Mar 2025

- Attended a hands-on workshop introducing AI tools used in modern engineering problem-solving.