

VINITHA R

Kunnathur, Tiruppur | **Phone:** +91 9500802729 | **E-mail:** vinitha0517@gmail.com
GitHub: github.com/vinitha517 | **LinkedIn:** linkedin.com/in/vinitha-r-6b352724a

CAREER OBJECTIVE

Seeking an entry-level position to apply my skills, contribute to organizational success, and grow professionally while staying committed to continuous learning and development.

EDUCATION

KONGU ENGINEERING COLLEGE

Bachelor of Engineering in Electronics and Communication Engineering
Cumulative GPA: **8.16/10** (Till 6th Semester)

Nov 2021 – Mar 2025

S.K.N. MATRICULATION HIGHER SECONDARY SCHOOL

HSC | Percentage : **96.21%**
SSLC | Percentage : **94.8%**

Jun 2020 – May 2021
Jun 2018 – May 2019

EXPERIENCE/PROJECTS

MPTCP FOR D2D COMMUNICATION | Research Project

Jul 2024 - Oct 2024

- Conducted a performance comparison between Multipath Transmission Control Protocol (MPTCP) and RFC 9438 for Device-to-Device (D2D) communication in 5G networks.
- Evaluated scalability and mobility through simulations in Network Simulator 3 (ns-3), analyzing node capacity and varying mobility speeds to determine protocol efficiency.

E-COMMERCE PLATFORM | Mini-Project

Oct 2023 - Nov 2023

- Developed a dynamic e-commerce platform using the MERN stack (MongoDB, Express.js, React.js, Node.js) with features like product browsing, shopping cart management, and secure order processing.
- Implemented a responsive React.js frontend and an efficient backend with MongoDB, Node.js, and Express.js to ensure seamless performance and scalability.

PORTFOLIO WEBSITE DEVELOPMENT | Mini-project

Jan 2023 – Mar 2023

- Created a personal portfolio to showcase skills and completed projects using HTML, CSS, and JavaScript.
- Designed a visually appealing and user-friendly interface to highlight achievements.

PAPERS PRESENTED

- Neuralink Chip | **SAKHI'23**, Kongu Engineering College Mar 2023
- Nanoelectronics | **KRIZEN'22**, Sri Krishna College of Engineering Sep 2022

CERTIFICATIONS

- Problem Solving (Basic)** | HackerRank Nov 2024
- Front-End Development** | Great Learning Nov 2023

SKILLS

Technical Skills: Java, C, Python, HTML, CSS, Javascript, MYSQL, MERN (Basics)

Tools: Visual Studio Code, Git, MATLAB, MS-Excel

Soft Skills: Leadership, teamwork, problem-solving

ACHIEVEMENTS & OTHERS

- Won first prize in Paper Presentation at **SAKHI'23**, Kongu Engineering College. Mar 2023
- Received Merit Scholarship for outstanding academic performance at KEC. 2021 – 2022
- Memberships:** ISTE Student Chapter, IETE Student Forum | Active Member 2022 – Present
- Area of Interest:** Web Development
- Languages:** Fluent in English & Tamil