

AVINASH SUTHAR

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EDUCATION

Chandigarh University

BE- Electronics & Communication Engineering ; CGPA: 8.01/10

2025R S S S Sr. Sec. School

Intermediate ; Percentage: 77.20%

Punjab, India

June 2021 - June

Rajasthan, India

August 2019 - April 2020

SKILLS SUMMARY

- **Languages:** JAVA, JavaScript , C++
- **Frameworks/Libraries :** ReactJs, ExpressJs, NodeJs, MongoDB, Git, SQL
- **Tools:** Netlify, Thunder Client, VS Code, GitHub, Render

PROJECTS

Real Time Chat Application | [LINK](#)

July 24- Aug 24

Created a dynamic real time Chat application using MERN stack, Socket, Redux. In this people can chat with each other in real time and also create a group and can chat. Also support the feature of file sharing, photo uploading.

WanderLust Website | [LINK](#)

Oct 23- Nov 23

Created a dynamic travel accommodation platform using Node.js, Express, and EJS, allowing users to host and book hotels androoms, manage reviews, and secure their accounts.

Hand Gesture Control System | [LINK](#)

Feb 24- April 24

Developed a product using raspberry pi, OpenCV, TensorFlow and ML (KNN) to control real life appliances.

Personal Manager | [LINK](#)

Nov 23- Dec23

Developed a comprehensive personal management web application using the MERN stack, designed to help users organise theirdaily tasks, notes, diaries, schedules, and long-term goals.

ForFoody | [LINK](#)

June 24- July 24

Developed an interactive food website featuring data fetching and filtering functionalities to help users find foods.

PUBLICATIONS

IoT Based Smart Agricultural Monitoring System

July 2023

DOI: 10.1109/ICECAA58104.2023.10212196

PATENTS

IoT based multiple submersible pump control system for agricultural irrigation system

Feb 2024

Application No : 202411009196

Self-driving electric vehicles with Swappable battery

April 2024

Application No : 202411014379

ACHIEVEMENTS

- Secured **3rd position International hackathon** held at Uttaranchal University
- Recognised with **Academic Excellence, Performer and Competitor award** by Chandigarh University
- Represented **ECE Department in CAB meeting 2024**
- Invited for **CU scholar summit 2024 as a Academic Achiever**

TRAININGS

Full stack web development (MERN Stack) from Apna College

M a r c h

2024 Learned making responsive full stack website using HTML ,CSS (Bootstrap , Tailwind), JavaScript (ReactJS, NodeJs, ExpressJs)and Databases MySQL and MongoDB

IoT & Embedded System by Edustation

July 2023

Learned Sensor interfacing with Micro-controllers, Wireless communication, Gained hands-on experience in programming micro-controllers (e.g., Arduino, NodeMCU, ESP32) for embedded systems development.