Santhosh Kumar A

ECE Student at Ramco Institute of Technology

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CAREER OBJECTIVE

Desire to become a successful person and enthusiastically interested in utilizing my analytics and professional skills for worth conception in line with the development of the organization.

AREA OF INTEREST

1. Software Development: - Proficient in HTML, CSS, JavaScript and the MERN stack.
Experience with developing the applications using the MERN stack.

2. Networks and Securities: - Understanding of networking protocols.
Experience with implementing security measures to protect against cyber threats.

3. Java Development: Developing scalable applications using Java SE and Java EE.

EDUCATION

Ramco Institute of Technology   June 2021 – May 2025
- B.E Electronics and Communication Engineering
- CGPA: 8.01 (up to 6th sem)

S.H.N.V Matriculation Higher Secondary School   June 2020 – May 2021
- 12th Std / HSC
- Percentage: 90.34

S.H.N.V Matriculation Higher Secondary School   June 2018 – May 2019
- 10th Std / SSLC
- Percentage: 86.6

SOFTWARE PROFICIENCY

- Java
- React
- MySQL and MongoDB
- Java Script
- HTML and CSS.

SKILLS

- **Competitive Programming:** Actively engaged in solving algorithmic challenges on LeetCode to enhance problem-solving skills.
- **Version Control:** Proficient in using Git for version control and GitHub for repository management and collaboration.
- **Development Tools:** IntelliJ IDEA, Eclipse, Visual Studio Code
- **Language Proficiency:** English and Tamil.
- **Interpersonal Skills:** Decision Making and Assertiveness.

ONLINE COURSES

- Web Development included HTML, CSS by Edureka.
- Google Data Analytics course offered by Coursera.
- Fundamentals of JavaScript offered by Scaler.
- Networking Essentials offered by Cisco.
- Packet Tracer, Cybersecurity offered by Cisco.

PROJECTS

Speech Recognition Software   Feb 2022 – Mar 2022

- Developed a speech recognition system using Python, Speech Recognition, and PyAudio.
- Enhanced accuracy with noise reduction techniques.

Interactive Personal Portfolio Website   May 2022 – Aug 2022

- Built a responsive portfolio website using HTML, CSS, and JavaScript.
- Link: https://santhosh-responsiveportfolio.netlify.app/

UI Designs of Applications   Jan 2023 – Mar 2023

- Designed UI for applications like a calculator, website using Figma.

E-commerce Website using MERN Stack   May 2023 – Dec 2023

- Developed a scalable e-commerce website.
- Implemented product listing, shopping cart, and payment integration

Online Voting System   *Feb* 2024 – May 2024

- Built an online voting system with Java EE, Servlet, JDBC and MySQL Database.
- Ensured secure voting with user authentication and role-based access control.

ACHIEVEMENTS

Finalist in Pecan CTF (IIT PALS): Reached the finals in a competitive CTF event at IIT PALS.

Participated in 15+ CTFs: Gained extensive experience in over 15 cybersecurity challenges.

1st Prize in TECKXION Event: Won the top prize in a technical competition conducted in Coimbatore.

Won Prize in Paper Presentation: Won second prize in Hindusthan Institute of Technology Coimbatore.

CO-CURRICULAR ACTIVITES

- **Active Member of IETE and Coding club:** Participated in various coding clubs, contributing to projects, and organizing events.
- **Technical Symposium:** Attended paper presentation and idea presentation at SRM College Chennai.
- **Workshops and Seminars:** Attended workshops and seminars on topics like Java programming, and software development.
- **Zoho Creator:** Learning low-code application development and workflow automation.

INTERNSHIPS

Geons Logix (Python and ML Internship):
Developed Python scripts to automate data processing, gaining hands-on experience in software development.

Kevell Corp (Web Development): Worked on building and enhancing web application.