

SivaSekar P

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Career Objective

A passionate and dedicated Information Technology student seeking a stimulating environment with like-minded professionals to grow in my career, enhance my knowledge, and contribute to organizational success by applying academic learning and practical skills to real-world projects.

Education

B.Tech – Information Technology

Ramco Institute of Technology, Rajapalayam

CGPA: 8.15 (up to 6th semester)

Higher Secondary (12th) - 2022

Shree Swami Vivekananda Matric Hr. Sec. School, Perundurai, Erode

Percentage: 80.6%

SSLC (10th) - 2020

Shree Swami Vivekananda Matric Hr. Sec. School, Perundurai, Erode

Percentage: 94.2%

Projects

- **Event Management System (MERN Stack):**

Developed a full-stack system using MongoDB , React.js, Express and Node.js with features like event creation, ticket booking, and user management effectively and securely.

- **HVAC Power Consumption Prediction:**

Implemented machine learning techniques on real-time data to predict power consumption on a HVAC system.

- **Advanced Password Cracker:**

Created an application named as “Quick Crack” which is an advanced password cracker that demonstrates fundamental security principles like ‘rainbow tables’, ‘dictionary attacks’, and ‘WPA2 handshake verification’.

- **AI-Chatbots:**

Made Text Summarization Chatbot and also a Text to Speech Chatbot using Cohere API that uses AI effectively for the given prompts.

Internship Experience

- **Cybersecurity Intern – Supraja Technologies, Vijayawada**
Completed a 3-month (07.07.2025 – 05.10.2025) offline internship at our branch office on CYBER SECURITY (Web Application Vulnerability Assessment & Penetration Testing) with a Project.
- **Oracle APEX Intern – Vibathi Labs, Chennai**
Completed a 2-week (17.03.2025 – 28.03.2025) offline internship at Vibathi labs (Chennai) learning Basics of Oracle APEX & Low Code Development.
- **AI/ML Intern – Jupiter Brothers, Maraneri**
Completed a 3-month (13.03.2024 – 10.07.2025) remote internship and developed a project on Prediction of Power Consumption in HVAC Systems using Machine Learning.

Achievements

- Awarded Certificate of Excellence twice in a college-level Cybersecurity Hackathon (CTF).
- CTF Finalist – Pecan+ CTF 2024 organized by IIT Madras & Edith Cowan University.
- Secured Top 5 Finalist position in Thiran CTF Quest'25 and received an internship offer from Hexinox Pvt. Ltd.
- Secured 3rd Place in a Department level Hackathon and earned an internship offer from Vibathi Labs Pvt. Ltd, Chennai.
- Won 3rd Place with ₹1000 cash prize in an Inter-college Coding Competition organised by Shri Eshwar College of Engineering.
- Participated in Apoorv CTF 2025 (Top 100) and Apoorv CTF 2024 (Top 60) conducted by IIIT Kottayam.

Skills

- **Technical:** SQL, PL/SQL, MongoDB, Express, React, Node.js, Machine Learning, Oracle APEX, HTML, CSS.
 - **Languages:** Java, Python, C, JavaScript.
 - **Cybersecurity:** Capture The Flag (CTF) Challenges, Ethical Hacking, Penetration Testing Basics
 - **Soft Skills:** Leadership, Team Collaboration, Problem Solving, Public Speaking
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Certifications

- NPTEL – Elite Certification in **Programming in Java**
 - NPTEL – Certification in **Cloud Computing**
 - NPTEL – Certification in **Problem Solving through Programming in C**
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Leadership Experience

- **Joint Secretary** – RIT INFOTRIX (Technical Association): Organized 10+ technical and non-technical events as the inaugural technical association of the department.
 - **Student President** – RIT INFOTRIX: Led and conducted association activities as the student president of the technical association in the academic year 2023-2024.
 - **Cybersecurity Workshop Speaker:** Conducted a 2-day value-added workshop on Cybersecurity for juniors.
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