

Abirami Senthilkumar

student



Personal details

Abirami Senthilkumar

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Skills

ANSYS HFSS	● ● ● ● ●
Python (Programming Language)	● ● ● ● ●
C (Programming Language)	● ● ● ● ●
HTML	● ● ● ● ●
Research Skills	● ● ● ● ●
Canva	● ● ● ● ●
Mysql	● ● ● ● ●
PowerPoint	● ● ● ● ●

Languages

English	● ● ● ● ●
Hindi	● ● ● ● ●
Tamil	● ● ● ● ●

Profile

As a passionate and curious student of Computer and Communication Engineering, I am driven by a desire to learn and excel in the ever-evolving fields of programming and satellite communication. With a strong commitment to building a foundation of knowledge and skills, I embrace challenges as opportunities for growth and innovation. My journey is defined by a dedication to exploring new ideas and contributing to the future of communication technology.

Education

Bachelor of Engineering - BE, computer and communication engineering

Sep 2023 - May 2027

Rajalakshmi Institute of Technology
CGPA: 8.56

Higher Secondary Education

Alwin International Public School, Padappai, chennai

GPA: 8.66 (HSC)

First female president of Junior Red Cross(JRC)

Certificates

Rashtrabhasha

May 2017

- Certificate in Hindi proficiency

Google Cybersecurity (foundations of cyber security)

- Recognize core skills and knowledge needed to become a cybersecurity analyst
- Identify how security attacks impact business operations
- Explain security ethics
- Identify common tools used by cybersecurity analysts

Google Cyber security (play it safe: manage security risks)

- Identify the primary threats, risks, and vulnerabilities to business operations
- Examine how organizations use security frameworks and controls to protect business operations
- Define commonly used Security Information and Event Management (SIEM) tools
- Use a playbook to respond to threats, risks, and vulnerabilities

UI/UX for beginners

- Completed a comprehensive course in UI/UX Design principles and practices.
- Developed wireframes and user flows for a variety of applications

Conferences

Presented Paper at SCOPES 2024 – IEEE International Conference

Centurion University of Technology and Management, Odisha (Dec 2024)

- Proposed a novel approach using biologically-inspired algorithms to optimize wireless sensor networks for energy efficiency and scalability.