

# PREETHIKABALA K

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 <https://github.com/preethika-11>

## EDUCATION

**B.E Computer Science and Engineering** 2022 – 2026  
**Chennai Institute Of Technology**  
**CGPA - 8.75**

## INTERNSHIP EXPERIENCE

**Cybersecurity Intern** 05/2023 – 07/2023  
**CISCO**  
Engaged in a comprehensive virtual internship covering networking and cybersecurity where I gained practical skills, hands-on experience, and mastered Packet Tracer for advanced network simulation and troubleshooting.

**Software Development Intern** 07/2024 – 09/2024  
**CogniTreez**  
Designed and implemented a dynamic, responsive UI using Python Dash featuring interactive data visualizations and real-time data integration.


**Cloud Security Intern** 10/2024 – 12/2024  
**Zscaler**


- Gained insights into cybersecurity trends and the Zero Trust security model.
- Learned to identify a Zero Trust architecture using Zscaler's Zero Trust Exchange.


## SKILLS


<b>Programming Languages</b> Python, Java, C	<b>Frontend</b> React.js, HTML, CSS, Python Dash	<b>Backend</b> Node.js, Express.js
<b>Database</b> MYSQL	<b>Version Control</b> GitHub, Git	<b>Tools</b> VS Code, Figma

## PROJECTS

**BOTBUDDY**   
A conversational chatbot powered by LangChain and Streamlit that offers intelligent, context-aware responses to user queries with a 70% query resolution rate, simulating a helpful and interactive AI assistant.

**NOMADO**   
A travel and tour website built with React.js offers users an engaging interface to explore destinations, book tours, and manage travel itineraries seamlessly.


**TIMETABLE SYNC**   
A college timetable management system built using Python, Django and Jazzmin for efficient scheduling and user-friendly interfaces.

**EVERGORGEOUS**   
A fully functional e-commerce website implemented using responsive design principles to ensure a seamless user experience.


## CERTIFICATIONS


<b>The Complete 2023 Web Development Bootcamp</b> Udemy	<b>Azure Fundamentals AZ-900 Exam Prep</b> Microsoft	<b>Use React with Express to build a Web Application</b> Coursera	<b>Introduction to Internet of Things</b> NPTEL
<b>Introduction to Networks</b> Cisco Networking Academy	<b>AWS Certified Cloud Practioner</b> AWS	<b>Introduction to Cyber Security</b> NYU	<b>Blockchain and its Applications</b> NPTEL

## COMPETITIVE PROGRAMMING

**Leetcode**   

- Solved **883** problems with a contest rating of **1464**, demonstrating proficiency in data structures and algorithms.
- Earned the 200 Days Badge and Monthly Streak Badges on showcasing consistency in problem-solving.

**Codechef**   
Solved **444** problems with a contest rating of **1360**, highlighting experience in competitive programming.

**Skillrack**   
Solved **379** problems comprising **Python, SQL, C and Java**.

## ACHIEVEMENTS

**Productathon AI**  
Participated in the final round of the hackathon hosted by **IIT Roorkee**.

**Hackathon 2.0**  
Participated in the final round hosted by **FORE School of Management (FSM), New Delhi**.

## VOLUNTEER WORK

**Event Coordination**  
Event Coordinator for **Duo Developers**, a technical event held during our department symposium **Hackerz'24**.