

# VISHVA T

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## SUMMARY

Driven engineering student poised for graduation, eager to apply academic knowledge and technical skills in a dynamic engineering environment. Committed to collaborating on impactful projects, gaining practical experience, and driving technological advancements for societal benefit.

## EDUCATION

<b>Electronics and Communication Engineering</b>	2021 to Present
Karpagam Institute of Technology	7.56/10.00

<b>Higher Secondary Education</b>	2019 to 2021
Hindu Higher Secondary School	86%

## SKILLS

**Programming Languages:** Python, JavaScript

**Frameworks and Libraries:** Node.js, Express.js, Django, React, Scikit-learn, React Native

**Databases:** MySQL, MongoDB

**Soft Skills:** Leadership, Decision Making

## PROJECTS

<b>Ecobin - Harnessing IoT with ML for Waste Segregation and Predictive Analysis</b>	2023 to 2024
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Tech Stack: Django, React, React Native, IoT (Patent Number : 202441016448 A)

- Developed a Waste Bin Management System using Django and React.js, integrating IoT sensors for real-time waste categorization.
- Implemented Google Maps API for geospatial mapping and Chart.js for visualizing waste composition.
- Contributed to sustainable waste management practices and demonstrated proficiency in full-stack development and IoT integration.
- Project Link: GitHub Repository

<b>Alumni Mobile Application</b>	January 2024 to March 2024
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Tech Stack: Django, React, React Native

- Developing an application utilizing Django and React.js, fostering a dynamic community hub for graduates.
- Integrated a chat feature for easy communication and connection among alumni.
- Employed a user-friendly interface to manage profiles and send event invitations.
- Project Link: GitHub Repository

## CERTIFICATIONS

<b>Django Web Framework:</b> Coursera	September 2023
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<b>Programming in Python:</b> Coursera	October 2023
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<b>React Basics:</b> Coursera	August 2023
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<b>Problem Solving - Intermediate:</b> Hacker Rank	January 2024
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<b>Python Framework Django:</b> Microsoft Learn	February 2024
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## ACHIEVEMENTS

<b>Finalist in VisionTech Hackathon-2023:</b>	2023
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<b>Secured third place in Tech Expo Intra-College Hackathon:</b>	2024
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