

# Matam Preethi

**B. Tech (Computer Science)**

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<https://github.com/p588>

## SUMMARY

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An emerging engineer with a specialization in computer science seeking a role where I can utilize my skills and knowledge to contribute to the growth of an organization. I am strongly committed to continuous learning and delivering high-quality results. My goal is to continue developing my expertise and career in the long term.

## EDUCATION

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<b>Amrita Vishwa Vidyapeetham</b> B. Tech in Computer Science, Coimbatore CGPA: 7.6/10 (Up to 7th Sem)	2020-2024
<b>Viswasai Junior College</b> Higher Secondary Education (ICSE), Tirupati Marks/Percentage: 904/1000 (90.4%)	2018-2020
<b>Assisi Convent School</b> Secondary Education (CBSE), Noida Marks/Percentage: 506/600 (84.33%)	2017-2018

## EXPERIENCE

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<b>Multicoreware</b> <b>Research Intern, Coimbatore</b>	Feb 2023 – Dec 2023
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Explored LeNet and AlexNet with implementing evolutionary algorithms in infinite search space with artificial Intelligence and deep learning.

## CERTIFICATIONS

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<b>Generative AI</b> <b>Issued By:</b> Google <b>Link:</b> <a href="https://www.qwiklabs.com/public_profiles/e09e6a3c-da77-4717-8d28-cfb3d2ac9347">https://www.qwiklabs.com/public_profiles/e09e6a3c-da77-4717-8d28-cfb3d2ac9347</a>	Jan 2023
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<b>Google Data Analytics</b> <b>Issued By:</b> Coursera <b>Link:</b> <a href="https://coursera.org/share/b23b44c53c9437eaf56a6c7d6a788abd">https://coursera.org/share/b23b44c53c9437eaf56a6c7d6a788abd</a>	Feb 2022
<b>Advanced Google Cloud</b> <b>Issued By:</b> Google <b>Link:</b> <a href="https://www.qwiklabs.com/public_profiles/e09e6a3c-da77-4717-8d28-cfb3d2ac9347">https://www.qwiklabs.com/public_profiles/e09e6a3c-da77-4717-8d28-cfb3d2ac9347</a>	Oct 2021
<b>Web Development Boot Camp</b> <b>Issued By:</b> Udemy <b>Link:</b> <a href="https://www.udemy.com/certificate/UC-979fcf7b-91ed-4995-81e3-bf23873bf5a2/">https://www.udemy.com/certificate/UC-979fcf7b-91ed-4995-81e3-bf23873bf5a2/</a>	Jan 2022

## PROJECTS

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### ETA AND BUS OCCUPANCY IN BUS 2022 – 2023

Implemented full stack development of real-time data collection mechanisms using AWS IoT Core and MQTT protocol for efficient bus tracking and monitoring. Utilized Python and Streamlit to implement machine learning models for predicting bus arrival times at stops, and integrated these features into a website and mobile application.

**Link:** <https://github.com/p588>

### DIGITAL COURSE FILE 2022 – 2023

Developed a Udemy website clone with comprehensive features, including a secure payment gateway, by employing full stack development methodologies within an Agile framework. This involved utilizing HTML, CSS, and JavaScript in conjunction with a DBMS. Additionally, I integrated machine learning to analyze customer reviews and ratings using Azure, and successfully deployed the application using Docker.

**Link:** <https://github.com/p588>

## ACTIVITIES

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- Volunteered at civil 20 India's working group of technology security and transparency
- Contributed in google summer of code on open-source project with full stack development.
- Participated in Codethon 2023 by Cisco.
- Won 1st place in Elocution competition.

## SKILLS

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**Coursework:** Full Stack Development, Data Science, Cloud Computing and Internet of Things

**Language:** Python, R, Java, HTML, CSS and Structured Query Language



