

# BALA PREETHI M

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## OBJECTIVE

Passionate and results-driven **Computer Science Undergraduate** seeking opportunities in **software development** and **web development**. Skilled in building efficient, user-friendly **applications** and continuously enhancing technical expertise through projects and internships.

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## EDUCATION

**B.E Computer Science and Engineering** - University College of Engineering Nagercoil | **2022-2026**  
| cgpa-8.2/10

**Higher Secondary** - St John's Matric Higher Secondary | **2021-2022** | Percentage: 84%

**SSLC** - Government Higher Secondary School | **2019-2020** | Percentage: 90%

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## TECHNICAL SKILLS

**LANGUAGES:** Python | Java | MySQL | HTML | CSS | JavaScript

**Framework & Tools:** Bootstrap | Django | TensorFlow | OpenCV | Figma | Git

**SOFT SKILLS:** Adaptability | Active Listening | Teamwork | Problem Solving | Agile Methodologies

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## INTERNSHIP

**Web Development Intern- Keltron**

| Jun 2025 – Jul 2025 | Tiruvandrum

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- Developed a **responsive website application** using Python, Django, HTML, CSS, and JavaScript.
  - Designed UI with **Bootstrap** and Django templates for improved user experience.
  - Implemented **user authentication** and secure form handling through Django backend.
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**Full Stack Web Development Intern - Kevell Guru**

| Jan 27 – Jan 31, 2025 | Madurai

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- Built and styled responsive web pages using **HTML, CSS, and JavaScript**.
  - Applied best practices in layout, **accessibility, and browser compatibility**.
  - Collaborated with the team to improve **UI consistency** and overall user experience.
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**UI/UX Design Intern - Internship Studio**

| Aug 2024 - Nov 2024 | Online

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- Designed **wireframes and prototypes** for mobile/web using Figma.
- Improved **user flow and visual hierarchy**, boosting usability.
- Collaborated with developers to maintain a **consistent, responsive design** across devices.

## **PROJECTS**

### **Burger Town Website– HTML, CSS, JavaScript**

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- Built a **dynamic food ordering website** with Index, Order, Login, Menu, Contact, and About pages.
  - Integrated **user authentication** and dynamic navigation using HTML, CSS, JavaScript.
  - **Enhanced UI/UX** and optimized site performance, improving user engagement.
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### **Personal Portfolio Website – HTML, CSS, JavaScript**

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- Developed the **multi-page personal portfolio** featuring projects, Internships, Skills and Courses sections.
  - Implemented **responsive layouts** and reusable navigation components.
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### **Brain Tumor Detection - TensorFlow/Keras, OpenCV, Gradio**

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- Built and trained a **Convolutional Neural Network (CNN)** for **4-class brain tumor classification**, achieving **87% accuracy**.
  - Implemented **data augmentation** techniques to enhance model performance and generalization.
  - Deployed the model with a **Gradio interface**, enabling **real-time interactive predictions**.
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## **CERTIFICATIONS**

- **Data Science Using Python**| NPTEL
  - **Python Programming**| Infosys Springboard
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## **LANGUAGES**

- **ENGLISH** Intermediate
  - **TAMIL** native
  - **HINDI** Beginner
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## **HOBBIES &INTERESTS**

Listening to Music | Reading | Games | Nature Exploration | Volunteering | Participating in Social Activities.