

# KEERTHI DESHPANDE

+91 9448058260  
keerthideshpande29@gmail.com

linkedin.com/in/keerthideshpande  
github.com/Keerthi292004

## Education:

**Carmel Convent High School, Bengaluru**

May 2019 – Jul 2020

10th Grade:	Percentage
	<b>93.92%</b>

**NMKRV Pre-University College**

June 2021 – Mar 2022

12th / PUC:	Percentage
	<b>95.16%</b>

**J.S.S. Academy of Technical Education, Bangalore**

*B.E. in Computer Science and Engineering (AI and ML)*

Aug 2022 – Present

<b>Semester-wise SGPA:</b>	SEM 1	SEM 2	SEM 3	SEM 4	SEM 5	Current GPA:
	8.45	8.8	9.19	8.68	8.77	8.78

## Projects:

### 1. Miniproject: Ad-Spend Optimisation using Predictive Analysis

Developed a predictive analysis framework leveraging ML on multi-platform campaign data to forecast KPIs and recommend dynamic budget allocation. Achieved up to 15% improvement in ROI

### 2. Fraud Detection in Banking Data using ML Techniques

Used LightGBM with class weight tuning on an imbalanced credit card dataset (0.17% fraud). Improved detection accuracy by 50%, F1-score by 20%. Incorporated majority voting and deep learning for enhanced performance.

### 3. Image Processing with OpenCV and Python

Built a project focusing on core image processing techniques using OpenCV in Python. Applied methods like resizing, edge/contour detection, object recognition for real-time applications in computer vision.

## Experience:

**GeeksforGeeks Hackathon – JSSATEB**

July 2024

Participated in a 24-hour hackathon organized by GeeksforGeeks, held at JSS Academy of Technical Education, Bangalore.

Worked on a team project titled “*Fraud Detection in Banking Data using ML Techniques*” and secured **2nd place** among 30+ teams.

## Technical Skills and Interests:

**Languages:** C/C++, Python, Java, JavaScript, HTML+CSS

**Libraries:** Python Libraries, ReactJs

**Web Dev Tools:** Node.js, VS Code, Git, GitHub

**Databases:** MongoDB, MySQL

**Coursework:** DSA, ADA, DBMS, OS, OOP, CN, SEPM

**Areas of Interest:** Web Development, Cyber Security, Data Science

**Soft Skills:** Problem Solving, Self-learning, Presentation, Adaptability, Communication

**Certifications:**

- The Complete Full-Stack Web Development Bootcamp – Dr. Angela Yu (Udemy)
- Core JAVA Bootcamp from Zero to Hero – Toppers Bootcamp (Udemy)
- 100 Days of Code: The Complete Python Pro Bootcamp – Dr. Angela Yu (Udemy)
- Python for Data Science & ML: Zero to Hero – Meta Brains (Udemy)
- Computer Network and Internet Security – Infosys Springboard

**Achievements and Extra-Curricular Activities:**

- **Student Placement Coordinator** from the Department of CSE (AI & ML) in Engineering College
- NSS Volunteer in Engineering College
- **School Captain** in High School (2019–2020)
- **Cabinet Member Leader** of Student Council during Higher Primary (2016–2017)
- Participated in **State Level Volleyball** Championship
- **Class Representative** during the two years of PU (2020–2022)
- Member of the College Cultural Team in PU