

Jayasimman P K

Dynamic Recent Graduate Eager to Embrace Software Engineering Challenges.

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Portfolio: [JC Portfolio](#)

OBJECTIVE

As a self-taught software engineer and recent graduate with a Bachelor's degree in Mechanical Engineering, I possess a strong foundation in **Python, Data Structures, and Algorithms**. I am eager to pursue a career in **software development** or **data analysis**, leveraging both my self-taught expertise and formal education. I am highly motivated to contribute my skills and **passion for coding** to a dynamic team.

EDUCATION

Vellore Institute of Technology, Vellore — *B.Tech*

June 2019 – May 2023

- **Major:** Mechanical Engineering specialization in Production and Industrial Engineering
- **Relevant Coursework:** Python, Java, Object-Oriented Programming, Data Structures, and Algorithms

EXPERIENCE

Skill Vertex, Bangalore — *Business Development Associate*

July 2023 – September 2023

- Successfully generated **Rs. 1,00,000+** in revenue through strategic business development efforts.
- Collaborated with cross-functional teams to identify and pursue business opportunities.
- Conducted **market research and analysis** to support strategic decision-making.

PROJECTS

Learnest E-Learning Platform — [Project link](#)

- Front-end development project collaborated with a **first-launch media company** to develop the front end of an e-learning platform.
- Utilized **HTML, CSS, JavaScript, and Bootstrap** to create a user-friendly and responsive interface.
- Implemented interactive features to **enhance the user experience**.

Doodler Jumping Game — [Project link](#)

- Created a Doodler Jumping Game using **raw JavaScript code** (no libraries).
- Utilized **DOM manipulation** to render the game on an HTML canvas element.
- Implemented **event handling** and object-oriented programming concepts.

SKILLS

Programming Languages: Python and Java

Concepts: Data Structures, and Algorithms

Data Base: SQL Language

Front-end Development: HTML, CSS, JavaScript, Bootstrap

Data Visualization: Excel, PowerBI, Tableau

Version Control: Git and GitHub

CERTIFICATIONS

Python programming language | Completed the Python course from the Log2Base2 platform

Introduction to XR: VR, AR, and MR foundations | Unity Certification provided by Coursera

Foundations of User Experience Design | Google Certification

Foundations of project management | Google Certification provided by Coursera.

ADDITIONAL

Solved **over 100 problems** in Python Problem Solving from PrepInsta's **Top 100 Codes**.

Achieved a **4-star rating** in HackerRank Problem Solving.

LANGUAGES

English: Advanced (Spoken and Written)

Tamil: Native Speaker

Japanese: Beginner Level