

# YUVARAJ B

## TECH ENTHUSIAST

Kudiyaanavar Street, Veppampattu - 88 | [www.linkedin.com/in/yuvarajb8](https://www.linkedin.com/in/yuvarajb8) | [github.com/yuvarajmonarch](https://github.com/yuvarajmonarch)  
+91 9025422908 | [yuvarajb.student@saveetha.ac.in](mailto:yuvarajb.student@saveetha.ac.in)

### PROFESSIONAL SUMMARY

Motivated Computer Science and Engineering student seeking to leverage skills in AI, IoT, and web development to create innovative solutions for societal challenges, enhancing community well-being and driving positive change through technology.

### PROFESSIONAL EXPERIENCE

#### UI/UX Designing, NSIC Internship

June 2024

- Developing a user-friendly app to connect event organizers with NGOs, facilitating the donation of surplus food to reduce waste and support vulnerable populations.
- Promote sustainable practices by redirecting excess food, engage the community in volunteer efforts, and enhance support for local NGOs, contributing to the well-being of those in need.

#### Event Organizer

Oct 2024

*Bubble.io Workshop, Saveetha Engineering College*

- Co-organized an interactive workshop on Bubble.io, engaging over 60 students in pairs to create websites using a no-code platform, fostering practical learning and collaboration skills

#### IBM Hackathon Participant

Oct 2024

*Tourism Restaurant Project*

- Developed a recommendation system to help tourists find optimal restaurants based on factors like pricing, food quality, and peak hours, enhancing the tourism experience.
- Utilized data science and machine learning to analyze dining preferences, collaborating with a team to create an effective, user-centered solution.

### PROJECTS

#### Hungrless App

- Created an app to redistribute unused food from marriage halls to old age homes and pet adoption centers, addressing food waste and promoting community welfare.
- Connects food donors with recipients, streamlining the collection and distribution process to ensure timely food delivery.

#### IoT-Based Health Monitoring System for Soldiers

- Developed a real-time health monitoring system leveraging IoT technology to improve soldiers' safety and operational effectiveness in challenging environments.
- Integrates advanced wearable sensors for continuous health tracking, providing real-time data on vital signs and overall health status.
- Employs GPS for precise location monitoring and machine learning algorithms for data analysis, enabling personalized health recommendations and timely medical responses.

Advanced Turbine Propulsion System

- Developed an innovative turbine propulsion system designed to enhance efficiency and performance across multiple applications, including aerospace and energy sectors.
- Focused on advanced design principles and materials to optimize propulsion mechanics, aiming for reduced fuel consumption and increased thrust.

Missing Products Acknowledgment System

- Created a platform for college students to report lost items and acknowledge found products through a photo-picking system, fostering community engagement and support.
- Allows users to submit photos of lost items and enables peers to identify and return found products, streamlining the process of reconnecting lost items with their owners.

YouTube Cloning Frontend Project

- Developed the frontend of a web application that replicates the YouTube interface, enabling users to browse, search, and view videos seamlessly.
- Utilizes responsive design for optimal viewing on all devices, incorporates navigation menus, video thumbnails, and a search bar to enhance user experience.

SKILLS

Programming Languages	Web Development	Modeling and Design
<ul style="list-style-type: none"><li>• Python</li><li>• C</li><li>• C++</li><li>• Java Foundations</li><li>• SQL</li></ul>	<ul style="list-style-type: none"><li>• HTML</li><li>• CSS</li><li>• JavaScript</li></ul>	<ul style="list-style-type: none"><li>• CAD Modeling</li><li>• Analytical Models</li></ul>
UI/UX Design	Cloud Computing	Simulation
<ul style="list-style-type: none"><li>• Figma</li><li>• Bubble</li></ul>	<ul style="list-style-type: none"><li>• AWS and Azure</li><li>• Google Cloud (Gcloud)</li></ul>	<ul style="list-style-type: none"><li>• Unreal Engine</li><li>• Blender</li></ul>
	Generative AI and Prompt Engineering	Communication Skills
		Innovative Thinking

EDUCATION

Saveetha Engineering College	Nov 2022 - Present
Bachelor of Computer Science Engineering	
<ul style="list-style-type: none"><li>• Embarking on the journey of Computer Science Engineering, where logic fuels creativity and innovation paves the way for entrepreneurial dreams.</li><li>• CGPA : 9.18 (till now)</li></ul>	
St. John's Matriculation Higher Secondary School	2020
SSLC	
<ul style="list-style-type: none"><li>• Subjects studied: Mathematics, Science, English, Social Studies, Tamil.</li><li>• Scored 92%</li></ul>	
HSC	2022
<ul style="list-style-type: none"><li>• Subjects studied: Mathematics, Computer Science, Physics, Chemistry, English, Tamil.</li><li>• Scored 90%</li></ul>	

## CERTIFICATIONS AND ACHIEVEMENTS

---

- AWS Certification
- Azure Certification
- MS Excel (Coursera)
- Python BootCamp
- HTML CSS (BootCamp)
- Figma Design Course (Coursera)
- Generative AI LinkedIn Certification
- Intro to Cloud and Virtualization
- Android Basics with Compose - Google
- Computer Vision (ICT Academy)
- Flipkart Grid 6.0 Global Certificate
- Intern Certification - UI/UX
- Introduction to Firewall - Great Learning
- Investment Risk Management
- Prompt Engineering ChatGPT, Great Learning
- Gcloud Certificate
- MongoDB Certification
- Canva Essentials Training
- CUDA Certification

## ADDITIONAL INFORMATION

---

- **Hobbies :** Physical Fitness and Workouts, Cricket.
- **Areas of Interest**

*Social Impact Initiatives:* Deeply committed to spearheading transformative projects that create lasting positive change and uplift communities, fostering a culture of collaboration and empowerment.

*Entrepreneurship:* Driven by a passion for innovative entrepreneurial activities that inspire creativity, challenge the status quo, and generate meaningful value, contributing to a sustainable future.