

# SARAVANAN B

## Full Stack Developer

Coimbatore, India

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Final-year Artificial Intelligence and Data science student A passionate tech enthusiast skilled in UI/UX design, front-end development, Unity, Blender, and full-stack development. I strive to combine creativity and technology to solve real-world problems. I am eager to contribute to dynamic teams that value user-centric design and technical excellence, while continuously learning and evolving in the field of Artificial Intelligence and Software Development.

### EDUCATION

#### KGISL Institute of Technology

B.Tech. Artificial Intelligence and Data Science (CGPA: 7.6\*)

2021 - 2025

Coimbatore, India

#### Malar Matric Higher Secondary School

Class XII – PCM + Computer (Percentage: 76.2%)

2019 – 2021

Namakkal, India

### TECHNICAL SKILLS

**Languages:** Python, Node, JS, HTML/CSS

**Libraries/Frameworks:** NumPy, Pandas, Matplotlib, Open CV

**Developer Tools:** Git, GitHub, VS Code, Jupyter Notebook, Mongo DB, Atlas, Blender, Unity, Figma

**Technical Coursework:** Data Structures and Algorithms, Data Analytics, Ethical Hacking.

### PROJECTS

#### FindMe AI: Missing Person Tracker

- **Tech Stack:** Python, OpenCV, AI Pattern Recognition, WhatsApp API, Real-time Data Processing
- Developed a facial recognition system using OpenCV and AI algorithms to locate missing persons.
- Integrated CCTV footage, social media data, and police records to automate tracking.
- Implemented WhatsApp API for instant alerts, enhancing real-time response and community involvement.

#### Virtual Tourism App

- **Tech Stack:** Unity, Blender, C#, 3D Modeling, AR/VR Development
- Led the development of a 3D tourism application enabling users to explore virtual destinations with immersive navigation.
- Designed photorealistic models and interactive environments using Blender and Unity.
- Enhanced user experience through real-time rendering and intuitive AR/VR-based travel simulation.

#### Job Seeking App – Smart India Hackathon

- **Tech Stack:** Figma, HTML, CSS, JavaScript
- Designed and developed a responsive job portal to streamline employer–candidate interactions.
- Built interactive UI/UX prototypes in Figma and implemented front-end features using HTML and CSS.
- Presented the working prototype at the national-level Smart India Hackathon (SIH), receiving positive feedback for design and functionality.

### EXPERIENCE

#### CISCO Intern

Packet Tracer and Network Essentials

| June–July 2023

- Modeled systems and APIs using Cisco Packet Tracer for networking simulations.
- Applied Service-Oriented Architecture (SOA) concepts to simulate digital publishing workflows.
- Strengthened understanding of network configurations and system-level communication protocols.

#### UI/UX Design Intern – Coders Cave

UI/UX Design

| May 2023

- Designed intuitive user interfaces using Figma and Adobe XD, improving visual design and usability.
- Conducted user research and usability testing to inform design decisions.
- Focused on enhancing the user experience through responsive layouts and user-centric design.

#### Full Stack Development Intern – Aroganam

Full Stack Web Development

| April 2023

- Developed the front-end of websites using HTML, CSS, and JavaScript.
- Collaborated with back-end developers to ensure smooth integration and deployment.
- Gained hands-on experience in building and deploying responsive web applications.

### CERTIFICATIONS

- **Start the UX Design Process:** Empathize, Define, and Ideate – Coursera (Sep 2023)
- **Foundations of User Experience (UX) Design** – Coursera (Aug 2023)
- **Full Stack Development** – Aroganam technology (July 2023)
- **Networking Essentials** – Cisco Networking Academy (Apr 2023)

**PRATICIPATIONS**\_\_\_\_\_

- Selected and presented a project in Smart India Hackathon (SIH).
- Attended an 18-hour hands-on workshop on Unity at Kongu Engineering College.

**AREA OF INTEREST**\_\_\_\_\_

Full Stack, UI/UX design, 3D modelling, Game designing

**LANGUAGES KNOWN**\_\_\_\_\_

**English** (*Fluent*), **Tamil** (*Native*)