

JAYAPRAKASH SARAVANAN

MSc Software Systems Student

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TamilNadu, India

ABOUT ME

MSc Software Systems student with strong full-stack development skills and a passion for emerging technologies. Known for problem-solving, clear communication, and teamwork. Actively engaged in coding contests, seminars, and research, with a focus on delivering practical, scalable solutions.

EDUCATION

| | PERCENTAGE |
|--|-------------|
| SSM Lakshmi Ammal Matriculation Higher Secondary School - 10th SSLC - 2019 | 83% |
| SSM Lakshmi Ammal Matriculation Higher Secondary School - 12th HSC - 2021 | 83.25% |
| Kongu Engineering College - Msc Software Systems 2021-2026 | CGPA : 7.31 |

SKILLS

- **Technology** : c, java, Python, javascript, HTML, ReactJs, Angular, MongoDB, MySQL, GitHub, NodeJS, DevOps
- **Language** : English(Professional), Tamil(Native)

PROJECT

- **AI-Based Heart Disease Prediction (Research Project, 2025)**
 - Co-authored and implemented a hybrid deep learning model (CNN-GRU-Transformer) for heart disease prediction using SHAP explainability and Bayesian optimization.
 - Tools: Python, TensorFlow, Scikit-learn, SHAP, Optuna
- **Men's Clothing E-Commerce Site (MERN Stack, July 2024)**
 - Built a full-featured e-commerce website with cart, authentication, admin dashboard and order management.
 - Stack: MongoDB, Express.js, React.js, Node.js, Tailwind CSS, JWT, Firebase
- **Doctor Appointment System (MERN Stack, Nov 2024)**
 - Developed a dual-role app for patients and admins with secure appointment booking and role-based access.
 - Stack: MERN, JWT, React Router
- **PHP-Based E-Commerce Website (XAMPP, May 2023)**
 - Created a basic e-commerce platform with shopping cart and admin panel functionalities.
 - Tech: HTML, CSS, JS, PHP, MySQL

Strengths & Core Competencies

- Problem Solving • Collaboration • Adaptability • Critical Thinking • Communication

Passion

- Full-Stack Development • UI/UX Design • DevOps and Automation • Continuous Learning & Technology Adaptation

CO-CURRICULAR ACTIVITIES

- Participated in Paper Presentation on Cloud Gaming And Won the **Second Place** in team presentation in National-Level Technical Symposium at PSG College, Coimbatore.
- Participated in Coding Contest in National-Level Technical Symposium at PSG College, Coimbatore.

REFERENCE

- GitHub Profile Link : <https://github.com/jayaprakash-15>
- LinkedIn Profile : <https://www.linkedin.com/in/jayaprakash-saravanan-448245259>