Sathiskumar Saravanan

sathis.me | Software Developer
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EDUCATION

University College of Engineering, Ramanathapuram
BE in Computer Science
Expected June 2024 | CGPA: 8.46 / 10.0

DDV Higher Secondary School
Grad. May 2020 | Percentage: 67.6

LINKS

Github://Sathiskumar-S
LinkedIn://Sathiskumar-S
GeeksforGeeks://Sathiskumar-S
(250+ problems)
YouTube://hackthelogic

SKILLS

PROGRAMMING
Advanced:
Java •HTML • CSS • PHP
• Javascript • Node.js
•Express.js •Angular
•MongoDB
Intermediate:
C • APIs • Spring Boot • Unity
Familiar:
Git •MySQL •C# •CI/CD •Linux

COURSEWORK

UNDERGRADUATE
Data Structures and Algorithms
Operating Systems
Object Oriented Programming
Augmented Reality

INTERESTS

TECHNICAL
Full stack • Internet of Things •Immersive Applications • command line application

NON-TECHNICAL
Reading Books • Content Creation •Cricket • Networking

EXPERIENCE

SELFMADE NINJA ACADEMY | WordPress Developer Intern
09/2023 – 11/2023 | Bengaluru, India

- Developed a robust e-commerce website for a client in the fashion industry, catering to a diverse range of products.
- Leveraged WordPress and WooCommerce to create a dynamic and scalable e-commerce platform. Implemented payment gateways, integrated third-party APIs for shipping and order tracking, and optimized site performance through efficient use of caching and responsive design.

SHORTFUNDLY | Full Stack Developer (MEAN Stack)
12/2024 – 02/2025 | Chennai, India

- Developed scalable APIs for Shortfundly's OTT platform, optimizing content delivery and improving performance and reliability across high-traffic user operations.
- Built a modern, responsive Angular frontend, delivering an attractive and smooth user experience that boosted engagement and streamlined navigation across OTT features.
- Engineered a white-label OTT solution (Brio) enabling rapid deployment for multiple clients, reducing time-to-market and supporting custom branding, content management, and subscription modules.

TATA CONSULTANCY SERVICES | Full Stack Developer (Immersive Experience)
02/2025 – Present| Chennai, India

- Developed a web-based tool using pure JavaScript to generate structured JSON for step-by-step Unity procedures and controller mappings, significantly accelerating content setup and reducing manual configuration effort.
- Developed a dynamic WebXR AR experience generator using AI agents, MindAR, and A-Frame, enabling automated creation of interactive AR scenes and significantly speeding up experience production.

PROJECTS

EduAR [source] [apk] [AR Book]
Augmented Reality | C# | Unity | Vuforia

- Created an application that showcases Tamilnadu state board syllabus for grades 1-10 in a 3D view.
- Provided interactive and immersive learning experiences to simplify complex concepts easier to understand.
- Collaborated with Unity and Vuforia SDK for enhanced image tracking features.

UCER College Web Application

[source]

HTML |CSS | Javascript | PHP | MySQL

- Created a web application with an attractive and responsive design for users.
- Implemented a Content Management System (CMS) to facilitate webpage maintenance for administrators.
- Enhanced security by 50% through the implementation of hashing techniques, preventing session hijacking.

AWARDS

2023	Best Paper Award	NCIDA Conference

ACHIEVEMENTS

2023	Project Selected for Final Round	IFERP Project Competition
2024	2nd place in Tamilnadu	Naan Mudhalvan Niral Thiruvizha

PUBLICATIONS

[1] S.Sathiskumar, Dr.A.Muthumari , M. Saiban Ali, M.Dinesh: "A Novel Approach to Virtual Business Cards through Augmented Reality" published in Indian Journal of Natural Sciences.