SAKTHI SAIRAM S

Chennai, Tamil Nadu

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EDUCATION

RMK College of Engineering and Technology, Thiruvallur   **2021 – 2025**
B.E - Computer Science and Engineering - CGPA - 8.80   *Thiruvallur, Tamil Nadu*

COURSEWORK / SKILLS

- Data Structure and Algorithms (DSA)
- Database Management System (DBMS)
- Operating Systems
- Oops Concepts
- Software Engineering
- Python

EXPERIENCE

Software Developer Intern at Bigfix Gadget Care LLP ⧉ | Django, JS   **December 2023**

- Learned Django foundations while contributing to repairworks.in, a **SAAS project**.
- Crafted vital business diagrams, including BPMN and ER diagrams, to streamline project understanding.
- Conducted surveys and competitor analyses to inform feature selection, strategically shaping repairworks.in's development.
- Designed an engaging features section for the landing page, improving user experience.

PROJECTS

Health Care PLUS ⧉ | HTML, CSS, Express.js, MongoDB, EJS and Socket.io

- Created Health Care Plus, enabling doctors and patients to manage Electronic Health Records (EHRs).
- Implemented AI chat support using Voiceflow, trained with a custom knowledge base of diseases, symptoms, and precautions for intelligent patient interaction.
- Utilized Socket.io for real-time doctor-patient communication through live chat features.
- Implemented MongoDB for secure storage of encrypted logins and patient records.

Personal Portfolio website ⧉ | HTML, CSS and Javascript

- A Responsive personal website using HTML, CSS, JS and other JS libraries like AOS and Tilt.js.
- Developed it to showcase my skills, projects, and my contact informations. | **LIVE** | **GITHUB**

BlockBuster Movie APP ⧉ | React.js, CSS and Javascript

- React Movie Web App with search feature using React.js and the OMDB API. | **LIVE** | **GITHUB**
- Used React components, different hooks like useState and useEffect.

TECHNICAL SKILLS

Languages: Python, Java, C, JavaScript, SQL
Technologies/Frameworks: HTML5, CSS3, NodeJS, MongoDB, Express, EJS, React, Tailwind, Bootstrap
Developer Tools: VS Code, Git, Github, Canva

ACHIEVEMENTS

- Won 3rd place in SCI Hackathon held by RMK Engineering College, powered by LTIMindtree. ⧉
- Solved more than 1,900+ problems on Skillrack coding platform. ⧉
- Won 1st prize in a mini project competition held by RMKCET. ⧉
- Secured rank 3602 and 5401 in Google Kickstart Round H and G. ⧉
- Won numerous technical events in symposiums hosted by other colleges. ⧉
- Achieved a typing speed of 100+ WPM in a 10-word typing test. ⧉

CERTIFICATIONS

- JavaScript from scratch - Udemy ⧉
- Build a Full Stack App using React and Express - Coursera ⧉
- Learn Coding with Java: Essential Training ⧉

OTHERS

- Languages: English, Tamil and Hindi.
- Soft Skills: Leadership, Problem Solving, Time Management, Flexibility, Teamwork and Touch Typing.
- Interests: Blockchain, Video editing, Photo editing, Exploring new technologies.