SAKTHIVEL S

+91 9942063766   Namakkal, Tamil Nadu   sakthiselvamcs@gmail.com

https://github.com/SakthivelSelvamS   https://sakthivelselvams.github.io/Portfolio/   https://www.linkedin.com/in/sakthivelselvams/

EXPERIENCES

Full Stack Developer   Jan 2024 - Present
Wonderwhy Solution, Erode

- Developed scalable web and mobile applications using React, Node.js, FlutterFlow, and Express.js, focusing on high performance and responsive design for seamless user experiences across platforms.
- Deployed and managed cloud infrastructure leveraging Docker, AWS EC2, S3, SQS, RDS, and Nginx, ensuring robust, scalable, and secure application hosting.
- Integrated AI tools such as Cursor, Windsurf, and Claude to optimize development workflows, automate repetitive tasks, and accelerate feature delivery, increasing overall productivity.
- Implemented comprehensive unit and functional testing to ensure high code quality, reliability, and performance, utilizing modern testing frameworks for efficient test automation.
- Led code reviews to ensure adherence to best practices, improve code maintainability, and enforce high standards across the development team, fostering collaboration and knowledge sharing.

Associate Engineer - Frontend   Dec 2021 - May 2023
Capgemini Engineering, Gurgram

- Designed and developed dynamic web applications using Angular 8+, JavaScript, and TypeScript, ensuring high performance, scalability, and maintainability.
- Built responsive user interfaces (UIs) with HTML5 and CSS3, optimizing for cross-browser compatibility to deliver a seamless user experience across all platforms.
- Collaborated closely with stakeholders (including product owners, designers, and business teams) to gather requirements and transform business needs into effective, scalable technical solutions that align with business objectives.
- Ensured the application's responsiveness by leveraging modern front-end frameworks and tools, adhering to best practices for mobile-first design and user accessibility.
- Implemented modular and reusable code components in Angular to enhance maintainability and facilitate faster development cycles for future iterations.

Junior SAP ABAP Developer   July 2021- Dec 2021
ERP Roots, Coimbatore

- Developed and optimized ABAP code across multiple SAP modules, enhancing overall system functionality, efficiency, and user experience.
- Designed and customized SAP applications tailored to client-specific business processes, ensuring seamless alignment with operational requirements.
- Collaborated closely with functional consultants and business stakeholders to translate complex business needs into effective and scalable technical solutions.
- Performed extensive performance tuning, debugging, and code optimization to improve application reliability, maintainability, and scalability.

PROJECTS

Real-time Video Chat Web-Application

Tech Stack: NodeJS, ExpressJS, ReactJS, MongoDB, WebSockets
- Developed a web application enabling instant video chats using WebSockets, ensuring low-latency, high-quality video and audio streams for smooth and real-time user interactions.
- Implemented a responsive front-end with ReactJS, providing users with an easy-to-navigate interface, including features like user authentication and provides a seamless communication experience.

Chat App

Tech Stack: React, Tailwind css, Shadcn, Node js, Express.js, MongoDB, Socket io, JWT, Bcryptjs, Cloudinary
- Built a full-stack chat app with secure authentication, profile editing, group, and private chats. Improved user search and connections, increasing interactions by 50% and daily active users by 35%.
- Integrated secure file sharing with JWT, image preview, and download features, driving a 40% rise in content sharing and reducing data transfer time by 25%.

SKILLS

Technical Skills: JavaScript, TypeScript, HTML/CSS, React JS, Angular, Flutterflow, Node JS, Express JS, Bootstrap, Material UI, Postgresql, AWS (EC2, S3, RDS, SQS), Nginx, Docker

Tools: VS Code, Cursor, Windsurf, GitHub, Postman, Flutterflow

EDUCATION

Sri Shanmugha College of Engineering and Technology   2017 - 2021
B.E - Computer Science and Engineering