

# SAKTHI ARAVIND M

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## Career Objective

To obtain a challenging position as a Full Stack Developer where I can apply my skills in building scalable, efficient applications and drive modern solutions for emerging tech challenges. I bring strong leadership, collaborative teamwork, and effective decision-making to deliver impactful results.

## Skills

**Computer Languages:** Python, HTML, CSS, JavaScript, React Js, Next Js, React Native.

**Technologies:** MongoDB, Tailwind CSS, Docker, Kubernetes, Supabase, Firebase, Spline, Git, Github.

## Education

**SRM University**, Btech in Computer Science with Cybersecurity Sept 2022 – May 2026

- CGPA: 9.5/10.0
- **Coursework:** Computer Architecture, Computer Programming, Data structures and Algorithms, Operating systems, Cybersecurity and Artificial Intelligence.

**Alagar Public School**, High School June 2021 – June 2022

- Percentile: 84.4
- **Coursework:** Physics, Chemistry, Mathematics

## Experience

**Software Developer Intern**, Mediatrix – Chennai, India October 2024 – Present

- Developed and maintained user-facing webpages using HTML, CSS, JavaScript, React Js and Node Js.
- As a Project Development Lead, I successfully headed a developer team and collaborated with over 15+ global clients.
- Integrated front end code with server side code to implement dynamic pages.
- Created custom responsive designs that optimized the website layout for various devices.
- Debugged existing code to identify and fix bugs or performance issues.
- Deployed full-stack web applications using Render (for backend services) and Vercel (for frontend hosting) to ensure seamless and scalable delivery.
- Packaged and compiled the application into an Android APK for distribution and device-level testing.

## Publications

**People's Voice: The Society We Live in** July 2020

Sakthi Aravind M, *Better Bloom Bloggers*

[View blog](#)

**Python handbook: Unleashing the power of programming** June 2023

Sakthi Aravind M, *Amazon.com*

[view book](#)

## Projects

**VR Based learning tool for children with mental disorders** [github.com/vrapp/repo](https://github.com/vrapp/repo)

- Created a fun, colorful VR learning app with cartoon designs to help children with Autism and Intellectual Disabilities.

- Added real-life game scenarios like road crossing and coloring to improve learning and attention.
- Included multiple-choice questions to build general knowledge and thinking skills.
- Set up real-time progress tracking so teachers and parents can see how the child is doing.
- Used React for the interface, A-Frame for VR scenes, Python for backend work, and Firebase for login and data storage.
- Tools Used: React, A frame, Python, firebase.

### **Baby Development Tracker**

[github.com/baby/repo](https://github.com/baby/repo)

- Developed a mobile app using React Native (Expo) and Supabase to help parents track their baby's daily activities and growth.
- Features logs for feeding, sleep, vaccinations, and development milestones.
- Implemented secure login with Supabase authentication and personal profiles for each parent.
- Helps parents monitor normal growth and spot any unusual patterns early.
- Deployed using Vercel for web preview and packaged as an APK to support Android devices.
- Tools Used: React Native, Supabase, Android Packages.

### **Cyber Carnival Website**

[github.com/cc/repo](https://github.com/cc/repo)

- Part of the core development team for the official cybersecurity department's event website.
- Built an interactive, immersive, and colorful website using Next.js, Aceternity UI, and Three.js.
- Developed features like a registration form, admin dashboard, and integrated payment portal.
- Ensured smooth user experience and backend handling for event participants and organizers.
- Tools Used: Next Js, Firebase

### **Gym ERP**

[github.com/gym/repo](https://github.com/gym/repo)

- Developed a digital ERP system to manage data of 2500+ gym members efficiently.
- Stores customer details, payment history, trainer assignments, and more in one system.
- Tracks daily attendance for customers, trainers, and staff.
- Provides customers with easy access to their fitness progress and customized diet plans.
- Designed for smooth day-to-day management of gym operations.
- Tools Used: React Js, Supabase

### **Ecommerce website**

[github.com/ecom/repo](https://github.com/ecom/repo)

- Built a smart fashion website using React.js that recommends customized clothing based on user inputs like body type, face shape, and interests.
- Automatically applies filters and redirects users to platforms like Myntra for a seamless shopping experience.
- Designed to simplify personalized outfit discovery and enhance online fashion shopping.
- Tools Used: React Js.

## **Certificates**

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**Udemy:** Data science Bootcamp

**MediaTrix:** Web developer Intern

## **Languages known**

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English, Tamil, Hindi