

T Mohammed Arif

Full Stack Developer | Next.js & Node.js | Automation Systems

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Summary

Full Stack Developer with hands-on experience building, deploying, and maintaining real-world web applications for educational institutions and healthcare operations. Skilled in Next.js-based systems, backend APIs, authentication, automation workflows, and practical problem-solving through software. Comfortable owning projects end-to-end and working directly with non-technical stakeholders.

Experience

Valli Super Specialty Hospital

Nov 2025 - Present

IT Technician & Automation Support

Salem

- Part-time **Full Stack Developer** building and maintaining hospital web applications using **Next.js, Node.js, MongoDB**, including **authentication, REST APIs, validation, and error handling**.
- Implemented **automation workflows** with **Zapier and AI tools**, integrating WhatsApp, Telegram, Instagram, and internal systems; performed **data analysis** to support cost-reduction initiatives.
- Collaborated with hospital staff, maintained **Zoho Creator apps**, managed content, and provided **production support** (bug fixes, updates, hybrid work).

Education

AVS ENGINEERING COLLEGE, SALEM

B.Tech IT : 8.55 : 2023-2027

ST. PAUL'S HSS, Salem

12th Standard : 86.4% : 2023

THE GUGAI HSS, Salem

10th Standard : 100% (Covid Batch) : 2020

Projects

College Websites

March 2025 - Present

AVS & Sakthi Kailash Educational Institutions

- Built and maintained **full-stack institutional websites** for **AVS Engineering College, Sakthi Kailash Women's College, and AVS College of Arts & Science**, supporting **10,000+ users each per month**.
- Improved performance and engagement by optimizing frontend and database logic (**40% faster load times, 60% higher mobile engagement**) and implementing **AJAX-based dynamic content** to enhance user experience (**+30%**).

Skills

Full Stack Development

Experience building and maintaining web applications using React.js, Next.js, JavaScript (ES6+), HTML5, CSS3, Node.js, and REST APIs. Comfortable with authentication, API integration, validation, error handling, and frontend-backend coordination.

Databases, Tools & Automation

MongoDB, MySQL, Supabase, Firebase (authentication, hosting, database), Git version control, Zapier automation workflows, Zoho Creator, and AI-assisted productivity tools. Academic exposure to machine learning using TensorFlow, Keras, and PyTorch.

Certifications

Course Completion in React.js - 2024

Infosys Springboard

1st Place in Web Development at Spring Fest - 2024

KSR College of Technology

1st Place in Code Debugging - 2024

Mahendra Institutions of Technology

25 days Internship on CUDA Python and NVIDIA Boards - 2025

ADVI Group of Technologies

Languages

English, Urdu (Native), Tamil, Hindi (To Speak)