

T Mohammed Arif

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

📍 Salem, Tamilnadu | 📞 +91 7904645033 | @ mohammedarif2303@gmail.com | 📁 Portfolio | 🔗 LinkedIn | 🐙 Github

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 IT Technician & Automation Support	Nov 2025 - Present Salem
<ul style="list-style-type: none">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
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Projects

College Websites AVS & Sakthi Kailash Educational Institutions	March 2025 - Present
<ul style="list-style-type: none">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)