

Mathiraja S

Full-Stack Developer | Software Tester

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PROFESSIONAL SUMMARY

MCA graduate and Full-Stack Developer with hands-on experience building production-ready web and mobile applications using React.js, Next.js, Node.js, Flutter, and MongoDB. Proven ability to deliver end-to-end solutions — from RESTful API design and database architecture to responsive UI development and automated testing. Experienced in AI-assisted development workflows and modern DevOps tooling. Seeking an entry-level role to contribute to real-world engineering teams and ship impactful software.

TECHNICAL SKILLS

Languages: Python, Java, JavaScript (ES6+), PHP, Dart

Frontend: HTML5, CSS3, React.js, Next.js

Backend: Node.js, Express.js, RESTful APIs

Mobile Development: Flutter, Android Studio

Databases: MySQL, MongoDB, Supabase

Testing & API Tools: Cypress, Postman, Manual Testing, Regression Testing

Tools & Platforms: Git, GitHub, JIRA, VS Code, Docker, GitHub Copilot, Claude Code, Antigravity, Gemini CLI.

WORK EXPERIENCE

Web Developer Intern - Trizova Technologies

Dec 2025 – Mar 2026 - Remote

- Developed **responsive React.js components** and built RESTful APIs using Node.js and Express.js.
- Integrated MongoDB and managed **version control with Git** for efficient CI/CD workflows.
- Leveraged AI-assisted tools** (GitHub Copilot, Claude Code, Gemini CLI) to enhance code quality and speed up development.

Software Tester Intern - QAonCloud

May 2024 – Aug 2024 - Remote

- Designed and **executed manual and automated test cases** to ensure application quality.
- Performed **end-to-end testing using Cypress**, covering key user workflows.
- Logged, tracked, and **verified defects across test cycles** to ensure timely resolution.

PROJECTS

AcadIntern | Next.js, Flutter (Android), Node.js, MongoDB

[GitHub Repository](#) | [Live](#)

- Architected a dual-interface internship portal **connecting students and companies**, delivering a responsive Next.js web application and a **native Flutter Android app** equipped with deep linking.
- Engineered a high-performance Express.js API managing **12+** relational Mongoose schemas, capable of handling **100+ concurrent connections** while maintaining **<800ms response times**.
- Integrated Socket.io for **real-time messaging**, Firebase for **push notifications**, and Cloudflare R2 for seamless resume uploads, accelerating recruiter workflow efficiency.

GASC Blood Donor Bridge | HTML, CSS, JavaScript, PHP, MySQL

[GitHub Repository](#) | [Live](#)

- Developed a **role-based blood donor management system** supporting Donor, Requester, and Moderator workflows.
- Implemented secure registration, validation, CRUD operations, and session-based authentication, improving data accuracy and **reducing duplicates by ~40%**.
- Automated database backups** using MySQLDump-PHP, reducing manual maintenance effort by ~80%.

EDUCATION

Master of Computer Application

Gobi Arts & Science College

2024 - 2026 | CGPA: 7.8

Erode, Tamil Nadu

Bachelor of Science in Computer Science

Gobi Arts & Science College

2021 - 2024 | CGPA: 8.1

Erode, Tamil Nadu

ACHIEVEMENTS

- Secured **Rank 133 in TANCET 2024** (Tamil Nadu Common Entrance Test) with a 97.72 percentile in the MCA entrance exam (state-level).