

# Manimegalan M

## Full Stack Web Developer

Highly skilled, Ambitious and anxious to obtain a good position in software development and integration. Offering advanced knowledge of JavaScript programming language. Background writing code and developing systems for web applications.

### Work History

2023-01 - **Full Stack Web Developer**

**Current** Codewave, Bangalore, India

- Designed and developed RESTful APIs and microservices for 8+ backend projects using Node.js (Fastify/Express).
- Architected and modeled scalable database schemas for both MongoDB (NoSQL) and PostgreSQL (SQL), depending on project needs.
- Built reliable backend workflows, including authentication, authorization (JWT), background jobs, event-driven services, and file processing.
- Created two complete frontend applications using React, TypeScript, and component libraries, focusing on clean UI and modular architecture.
- Implemented end-to-end integrations between the frontend, backend, and third-party services (payment gateways, cloud services, analytics, etc.).
- Optimized backend performance through indexing strategies, query optimization, caching (Redis), and efficient API design.
- Ensured production readiness with unit tests, logging, error handling, and monitoring, using tools like Winston, Cloud Logging, and Postman test suites.
- Collaborated with product, QA, and design teams to deliver features on tight timelines, with high code quality.
- Managed deployments on Docker, AWS (EC2, Lambda, RDS, etc.), and Google Cloud (Cloud Functions, Cloud Run, Cloud Tasks).

### Contact

#### Address

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### Skills

- ✓ Programming languages - Javascript, Python
- ✓ Frontend - ReactJS, Redux, Zustand
- ✓ Backend - Node, Express, Fastify, FastAPI
- ✓ DB - Postgress, MongoDB, DuckDB
- ✓ AI - Build Agentic AI using n8n
- ✓ Others - Client management, Third-party API integration

2022-01 -

## Senior Analyst

Capgemini, Bangalore, India

- Discovered root causes of problems and identified appropriate solutions.
- Learned new skills and applied to daily tasks to improve efficiency and productivity.
- Planned Agile best practices and encouraged team cohesion, overcoming impediments and hurdles to productivity.

2020-10 -

## Software Developer

Develop Scripts LLC, Chennai, Tamil Nadu

- Planned website development, converting mockups into usable web presence.
- Outlined high-volume, high-scale web front ends for assets requiring responsive designs.
- Designed REST calls using React to streamline user interface performance and database technologies like SQL.
- Maintained high-level expertise in React state management strategies.

2016-04 -

## Assistant Professor

Thiagarajar College of Engineering, Madurai, Madurai

- Applied innovative teaching methods to encourage student learning objectives with hands-on real-time examples.
- Supervised and guided Undergraduate and postgraduate student's projects and also developed prototypes.
- Revised course objectives, course materials, instructional and assessment strategies for courses.
- Accomplished more than 90% academic results in all subjects.

✓ NodeJS

✓ MySQL, MongoDB

## Certifications

### Full Stack Web Developer

Jul 2020 to Sep 2020

Crampete Private Limited,  
Chennai.

## Education

<b>2013-06 -</b>	<b>Master Of Engineering: Mechatronics</b>
<b>2015-05</b>	<i>Jeppiaar Engineering College - Chennai, TN</i>
	CGPA - 8.0/10
<b>2009-06 -</b>	<b>Bachelor of Engineering: Electrical And Electronic</b>
<b>2013-05</b>	<b>Engineering</b>
	<i>Panimalar Institute of Technology - Chennai, TN</i>
	CGPA - 7.2/10