MOHAN RAM SHANMUGAM

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Full Stack Developer

With over **5+ years** of professional experience in software development, I am a dedicated problem solver passionate about creating innovative solutions. My career in the software product industry has equipped me with comprehensive expertise in both **frontend** and **backend** development, **cloud services**, and **DevOps**. I thrive in dynamic team environments and have a proven track record of delivering high-quality results under **tight deadlines**. My enthusiasm for technology drives me to continuously explore and adopt new tools and methodologies to enhance my skills and contribute effectively to any team.

Core Competencies

Frontend Development   ReactJS, Redux, HTML 5, CSS, SASS, Bootstrap, JavaScript
Backend Development   NodeJS, ExpressJS
Database Management   MySQL, MongoDB
Cloud Services   Amazon Web Services (AWS), Azure
DevOps & Tools   Git/GitHub, GitLab, Docker, Redis

Professional Experience

Influx Integrated Solutions Pvt Ltd, India   **May 2021 - Present**
Associate Developer, Chennai
- Built Interactive, user-friendly web applications using **ReactJS** including global store management using **Redux**.
- Worked on **WebSockets** and **Distributed systems** to enhance real-time communication and system reliability.
- Integrated data tracking for suggestive selling and upselling using **MoEngage**, **Rokt**, and **Google Tag Manager** which increased customer spending by more than 20%.
- Handled payment gateway integration including **Freedom Pay** and **Card Connec**t to streamline transactions.
- Resolved **cross-browser compatibility issues** with different versions of browsers like Internet Explorer, Mozilla Firefox, Safari and Google Chrome.
- Implemented backend services using **NodeJS** designing clear and understandable **APIs**, integrating **MySQL** databases for robust data management, and using **Redis** for efficient caching
- Developed complete end to end web applications and deployed using **AWS**, **CI/CD pipelines** and version control tools like **GIT**
- Worked on various projects, including:
  - evo.co [Ticket Booking site].
  - Injinmanager [Conceptualized and built a CMX Management website from the ground up, overseeing data management for websites, mobile apps, and kiosks.].
  - order.showplaceicon.com [A Food and Beverages booking site].
- Engaged in all phases of the product life cycle, including **roadmap planning, design**, **coding**, **testing**, **deployment,** and **operational ownership**, ensuring a thorough and high-quality development process.
- Demonstrated excellent **interpersonal abilities**, **time management**, and team skills, working effectively under stressful environments to meet project deadlines.
- **Shadowed my manager** to understand **leadership and project management** better, and **mentored junior developers** to foster their growth and development.

Infosys, India   **Apr 2019 - Feb 2021**
Systems Engineer, Chennai
- Actively contributed to the Walmart agile team for product development.
- Primary development in technologies including **React** and **NodeJS.**
- Participated in the design and architecture of new services and deployed using **Azure Cloud**
- Impacted the customer experience by implementing and ensuring the robustness of cutting-edge products used daily by people.
- Won **Best Employee Award** for overall performance in Q1 FY2020.

Infosys, India   **Dec 2018 - Apr 2019**
Systems Engineer Trainee, Mysore
- Learned **Python**, **MySQL**, **MERN Stack**, and **Agile** methodologies.

- Served as **Scrum Master** during project phase of training, I planned and coordinated a team of 5 in building an intuitive, error-free website (front and backend) using **MERN Stack**.
- Completed training as a **Top Performer**.

DRDO (Defence Research and Development Organization), India　　　　　　　　　　**Nov 2016 - Jan 2017**
Intern Trainee, Chennai
- Gained foundational knowledge in GUI creation using Matlab.
- Developed a simple chat box application between two nodes using Xbee.
- Created a Matlab GUI for studying Ion interactions with electronics.

Certifications

System Expert (HLD and LLD), Algoexpert　　　　　　　　　　　　　　　　　　　**Feb 2023**

AWS Certified Solutions Architect Professional, AWS　　　　　　　　　　　　　**May 2022**

AWS Certified Developer Associate, AWS　　　　　　　　　　　　　　　　　　**Feb 2021**

Microsoft Certified Azure Fundamentals, Microsoft　　　　　　　　　　　　　　**Jan 2020**

Python Bootcamp From Zero to Hero in Python, udemy　　　　　　　　　　　　　**May 2020**

Infosys certified Global Agile Developer, Infosys　　　　　　　　　　　　　　　**May 2020**

Kaizen Robotics program (Beginner and Advanced), Lema Labs (IITM Research park)　　**Sep 2015**

Education

International Institute of Information Technology Bangalore (IIIT Bangalore) & Liverpool John Moores University (LJMU), M.Sc. in Machine Learning & AI in Ml & AI, Jun 2024 - Dec 2025

Agni College of Technology, Anna University, B.E in ECE, (GPA: 7.6/10), 2014 - 2018

Sri Sankara Vidhyashramam Matriculation Higher Secondary School, Higher secondary in 12th, (GPA: 83.7%), 2014

Suddhananda Vidhyalaya, Highschool in 10th, (GPA: 10/10), 2012

Awards

Best Employee for the Q1 FY2020, Infosys　　　　　　　　　　　　　　　　　　**May 2020**
Received the Best Overall Performance Award for outstanding work.

Walmart Hackathon 3.0 Winner, Walmart (Infosys)　　　　　　　　　　　　　　**Aug 2020**
Augmented Reality (AR) based app with interactive shopping experience for customers to be used within Walmart stores.

Agni's Pride Award for the Best outgoing student for the Batch of 2018, Agni College of Technology　**May 2018**

Student President of the Department of ECE for the Academic year 2017-18, Agni College of Technology

Winner of Inter-college Hackathon, Neyes technologies　　　　　　　　　　　　**Jul 2017**
Build a website to ingest GPS data and show it on a map for live tracking

Winner of Project Display Competition (IETE), Agni College of Technology　　　　　**Aug 2016**
Developed a wireless home automation system using IOT, enabling control of fans and lights through a mobile app.

Winner of Clash of Kaizeners (IITM research park), Lema Labs　　　　　　　　　**Mar 2016**
Developed and programmed a Robot that follows a black line on a white surface and came up with innovative solutions on the spot to the challenges presented during the event.