

RAKESH.M

FULL STACK DEVELOPER (MERN. PYTHON, AWS)

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CAREER SUMMARY

Experienced Full Stack Developer with 4+ years of expertise in building scalable web applications and microservices. Passionate about developing high-performance solutions, optimizing system architecture, and ensuring seamless deployments. Strong background in cloud technologies and DevOps practices, with a focus on automation and security. Committed to continuous learning and innovation to drive business success.

EDUCATION AND CERTIFICATION

AWS Developer Associate Certification (<i>In Progress</i>)	2025
MCA Bharathiar University, Coimbatore	2018-2020
B.Sc. (CT) Karpagam Academy of Higher Education, Coimbatore	2015-2018

TECHNICAL SKILLS

- Programming:** JavaScript (Typescript), Python
- Frontend:** React, Redux, Next.js, Tailwind CSS
- Backend:** Node.js, Express.js, Django, FastAPI
- Databases:** MongoDB, PostgreSQL, MySQL
- Cloud & DevOps:** AWS, CI/CD, Docker, Terraform
- Tools & Technologies:** Git, WebSocket, Jest, Playwright, Postman
- Other:** Microservices Architecture, API Development, Payment Gateway Integration, Deployment & Security

WORK EXPERIENCE

Senior Software Engineer Bosch Global Software Technologies	Oct 2023 - Present
<ul style="list-style-type: none">Developed an IDP portal to improve system efficiency and user experience.Implemented CI/CD pipelines, streamlining deployment workflows and reducing manual effort.Enhanced API performance and collaborated with the onsite team to support a cross-platform application, reducing system downtime by 30% and ensuring seamless functionality and integration.	
Project Delegate Infognana solutions	Sep 2021 – Sep 2023
<ul style="list-style-type: none">Developed and maintained eCommerce, Restaurant, Hospital, and internal HRM applications, ensuring seamless functionality and performance.Provided support for application maintenance and upgrades, improving system stability and user experience.Collaborated with the DevOps team to gain hands-on experience in AWS services, enhancing cloud deployment and automation skills.	
Junior Developer Dark Diamond Technologies	Jan 2021 – Sep 2021
<ul style="list-style-type: none">Worked primarily on frontend development, focusing on building responsive and user-friendly interfaces.Gained foundational knowledge in backend development, gradually transitioning into full-stack development.Assisted in debugging, optimizing UI components, and collaborating with the team to enhance application performance.	

PROJECTS

1. BODE – IDP Developer Portal (*Major Project*):

Company: Bosch Global Software Technologies

Description: BODE is an **IDP (Internal Developer Portal)** built using **Backstage.io** to streamline development services. It centralizes access to multiple services, allowing users to obtain a **single IDM role** for accessing all resources instead of configuring separate permissions for each service.

- Reduced Developer Onboarding Time by **40%**
- Simplified **developer onboarding** by consolidating access controls.
- Enhanced **security & compliance** with **role-based access**.
- Improved **efficiency** by integrating multiple tools into a unified portal.

2. EassyCart – B2B2C E-commerce Platform (*Major Project*):

Company: Infognana Solutions

Description: A multi-vendor e-commerce platform with **Admin, Vendor, and Customer roles**, offering real-time updates via Web Sockets.

- Implemented **role-based authentication** for Admin, Vendor, and Customers.
- Integrated **real-time order tracking** using WebSocket.
- **Optimized database queries and API performance**, improving transaction processing speed by **35%** and reducing checkout time by **40%**.
- **Enhanced frontend performance** through React optimizations, reducing page load time by **30%** and increasing user engagement.

Other Projects:

Supportive Kidney Care – Hospital Management System (MERN Stack) – A hospital management system with appointment booking, prescription management, and patient record tracking.

IG Commerce – E-commerce Product Platform (MERN Stack) – A multi-vendor e-commerce platform developed as a product for Infognana, supporting real-time inventory and order management.

E-Taalib – E-learning Portal (MERN Stack) – An e-learning platform for teaching Arabic to kids with video lessons, quizzes, and progress tracking.

DipMenu – Restaurant App (React & Django) – A restaurant management system for online ordering, table reservations, and food delivery tracking.

HRM (Human Resource Management) System (MERN Stack) – A workforce management system for employee tracking, payroll processing, and leave management.

PROFESSIONAL DEVELOPMENT

AWS Developer Associate Certification (<i>In Progress</i>)	2025
Tailwind CSS Online Training Link	2024
Python Crash Course Organization Link	2021
React Js Organization Link	2021
Web Development Masterclass Online Training Link	2021