

Rakesh. M,

Full stack Developer,

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Coimbatore, Tamil Nadu

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### Professional Objectives:

A results-driven Full Stack Developer with a strong background in designing, developing, and deploying scalable web applications. Passionate about building efficient, user-centric solutions while ensuring high performance, security, and maintainability. Committed to continuous learning, innovation, and collaboration in dynamic development environments.

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### Technical Skills:

- Languages: JavaScript (TypeScript), Python
  - **Frontend:** React, Redux, Next.js, Tailwind CSS
  - **Backend:** Node.js, Express.js, Fast API, Django
  - **Databases:** MongoDB, PostgreSQL, MySQL,
  - **Testing:** Jest, Playwright
  - **Cloud:** AWS
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### Professional Experience:

#### ***Bosch Global Software Technologies***

*Full Stack Developer / Sep 2023 - Present*

- *Developed and optimized web applications using React & Backstage.io framework.*
- *Integrated backend services with Node.js and Fast API for scalable solutions.*
- *Implemented robust testing strategies using Jest to ensure code quality.*

#### ***Srj Infognana Solutions Private Limited***

*Project Delegate / Sep 2021 – Aug 2023*

- *Led the development of responsive applications using React, TypeScript, and Tailwind CSS.*
- *Built and maintained RESTful APIs with Express.js, NodeJS and Fast API.*
- *Managed cloud infrastructure using AWS services like EC2, S3, and Lambda*
- *Optimized database performance using Amazon RDS(SQL) and Document DB(NoSQL).*

## Dark Diamond Technologies

Web Developer / Jan 2021 – Aug 2021

- Developed responsive web applications using *React, Redux, HTML, CSS, Material-UI, and Ant Design*.
- Implemented dynamic UI components and enhanced user experience with modern design principles
- Optimized frontend performance for faster load times and seamless interactions.
- Collaborated with backend teams to integrate APIs and ensure smooth data flow.

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### Academic Profile:

MCA	-	Bharathiar University	-	2018 - 2020
B.Sc.	-	Karpagam University	-	2015 - 2018
(Computer Technology)				
HSC	-	M.s.s.d. Hr.Sec.School	-	2014 - 2015
SSLC	-	M.s.s.d. Hr.Sec.School	-	2012 - 2013

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### Projects & Contributions:

#### Bosch Global Software Technologies

##### **BODE** (*Bosch Open Development Environment*):

Bode (*Bosch Open Development Environment*) is an internal developer portal built using Backstage.io to streamline service management and improve developer productivity. The project utilizes TypeScript for frontend development, Jest for testing, and FastAPI for backend services. Additionally, it follows DevOps best practices with Jenkins for CI/CD, Bitbucket for version control, and deployment on Kubernetes-based OpenShift pods

##### Key Responsibilities:

- Developed and maintained the **frontend** using **React, Redux, Material-UI**, within the **Backstage.io** framework.
- Implemented **TypeScript** for type safety and improved code maintainability.
- Created reusable and optimized UI components to enhance the developer experience.
- Wrote **unit and integration tests** using **Jest** to ensure frontend reliability.
- Collaborated with backend teams utilizing **FastAPI** for seamless API integration.
- Managed version control using **Bitbucket**, following Git best practices.
- Automated build and deployment pipelines using **Jenkins** for CI/CD.
- Deployed applications on **Kubernetes-based OpenShift pods**, ensuring scalability and reliability.

## Srj Infognana Solutions Private Limited

### Eassycart :

EasyCart is a full-featured eCommerce platform built using the MERN stack with Ant Design (AntD) for a modern and intuitive user interface. The platform provides dedicated roles for Admin, Vendor, and Customer, enabling seamless product management, order processing, and purchasing experiences.

#### Key Responsibilities:

- **Developed a dynamic frontend** using **React and Ant Design (AntD)** for an intuitive and responsive user experience.
- **Implemented role-based access** with dedicated dashboards for **Admin, Vendor, and Customer** functionalities
- **Integrated RESTful APIs** with **Node.js and Express** for efficient data exchange between frontend and backend.
- **Used MongoDB** for scalable and efficient database management.
- **Implemented Redux** for state management, improving UI responsiveness and handling complex data flows.
- **Optimized performance** with lazy loading and efficient API calls.

#### DevOps & Deployment Responsibilities:

- **Deployed the application on AWS EC2**, ensuring scalability and reliability.
- **Wrote CI/CD scripts in GitLab** to automate the build and deployment process to AWS.
- **Created shell scripts** to automate server restart processes for improved uptime and system stability.
- **Managed environment configurations** and optimized deployment strategies for smooth production releases.

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### IG-Commerce:

IG Commerce is a scalable eCommerce platform developed as a product for the company, designed to offer seamless online shopping and multi-role management. Built using the MERN stack with Ant Design (AntD) for an intuitive UI, it provides role-based access for Admin, Vendor, and Customer to streamline product management, order processing, and purchases.

#### Key Features & Responsibilities:

- Developed an interactive frontend using React and Ant Design (AntD) for a smooth user experience.
- Implemented role-based dashboards:
- Integrated RESTful APIs using Node.js and Express for seamless communication between frontend and backend.
- Used MongoDB for efficient and scalable data management.
- Implemented Redux for state management, ensuring smooth UI updates and data flow.
- Optimized performance through lazy loading and API optimizations.

### DevOps & Deployment Responsibilities:

- Deployed the application on AWS EC2, ensuring high availability and performance.
  - Developed CI/CD pipelines in GitLab to automate build and deployment processes.
  - Created shell scripts to automate service restarts, improving system reliability.
  - Managed deployment strategies and environment configurations for smooth product releases
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### E-Taalib:

**E-Taalib** is an **e-learning platform** designed for **Arabic-speaking users**, providing a seamless educational experience for students, instructors, and administrators. Built as a **role-based application**, it enables structured online learning, course management, and performance tracking.

### Key Features & Responsibilities

- **Developed an interactive frontend** using **React & Tailwind CSS** for an engaging user experience.
  - **Integrated RESTful APIs** using **Node.js and Express** for smooth data communication
  - **Integrated a dual-database system**
    - **MongoDB** for **user authentication and access management**.
    - **PostgreSQL** for storing and managing **courses, content, and student progress**.
  - **Implemented Redux** for efficient state management and real-time UI updates.
  - **Secured authentication and authorization** using JWT for role-based access control.
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## Dark Diamond Technologies

### Rainbow Sips:

**Rainbow Sips** is a **food web application** specializing in **ice creams and desserts**, providing a visually appealing and seamless ordering experience. The platform allows users to browse Flavors, customize orders, and place purchases efficiently.

### Key Features & Responsibilities:

- **Developed the frontend** using **React, Redux, and Ant Design (AntD)** for an intuitive and interactive UI.
- **Designed and implemented responsive layouts**, ensuring a seamless experience across devices.
- **Created reusable UI components** to enhance maintainability and scalability.
- **Optimized performance** using lazy loading and efficient state management with **Redux**.
- **Collaborated closely with the backend team**, providing input on API structures and data flow.

**Strength:**

- **Friendly & Engaging Personality** – Approachable, team-oriented, and adaptable to diverse work environments.
- **Quick Learner & Tech-Savvy** – Strong ability to multitask and easily adapt to emerging technologies.
- **Problem-Solving & Integration Expertise** – Skilled in designing scalable solutions and resolving complex integration challenges efficiently.

**Languages Known:**

1. English
2. Tamil

**Personal Details:**

1. Mother Name - Saraswathi. M
2. Date Of Birth - 21/01/1998
3. Gender - Male
4. Marital Status - Single
5. Nationality - Indian

**Declaration:**

I hereby declare that the information provided above is accurate and true to the best of my knowledge. I take full responsibility for the authenticity of the details mentioned

Date :

Location :

Signature

(Rakesh. M)