

# DEENADHAYALAN M

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## Career Objective

Detail-oriented and passionate QA Tester with a strong understanding of software testing concepts, including manual and automation testing using Selenium and TestNG. Eager to apply analytical skills to identify defects, ensure product quality, and contribute to delivering reliable software solutions in a dynamic team environment.

## Education

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| <b>SNS College of Technology</b> , Coimbatore<br>B.E. Computer Science and Engineering – CGPA: 7 (Up to 6th Sem) | 2023 – 2026 |
| <b>Sri Ramakrishna Polytechnic College</b> , Coimbatore<br>Diploma in Computer Engineering – 85%                 | 2020 – 2023 |
| <b>Vivekananda Vidyalaya Matric School</b> , Coimbatore<br>SSLC – 65%  | 2018 – 2020 |

## Skills

**Languages:** Java, GO, Python, JavaScript, HTML, CSS, SQL  
**Frameworks:** Spring Boot, Hibernate, React  
**Databases:** MySQL, PostgreSQL, MongoDB  
**Testing Tools:** Selenium, TestNG, JUnit, Manual Testing, Automation Testing, JIRA  
**Tools:** Git, Postman, Maven, Eclipse, VS Code, Terraform, LXC/LXD, Prometheus, Grafana

## Projects

### Real-Time Cab Booking System (Internship Project, 2025) 🔄

*Next.js, React.js, PostgreSQL, Prisma ORM, REST API, JWT, Razorpay*

Developed a real-time cab booking application with secure JWT-based authentication, driver-passenger matching, and online payment integration using Razorpay. Implemented automatic invoice generation upon successful payment and managed relational data efficiently with Prisma ORM and PostgreSQL.

### E-commerce Platform (Web + Android, 2025) 🔄

*React.js, Spring Boot, Kotlin, Android Studio, MySQL, REST API, JWT, Firebase, Razorpay*

Engineered a full-stack e-commerce solution integrating **React.js** and **Spring Boot** with secure JWT-based authentication, REST APIs, and Razorpay payments. Demonstrated strong expertise in backend logic, data handling, and responsive UI development.

## Internship Experience

**Bluvern**, Cloud Architect Intern Jul–Oct 2025

- Automated **LXC/LXD** container provisioning using **Go**, **FastAPI**, and **Terraform** for scalable cloud deployment.
- Configured **Prometheus** and **Grafana** for system monitoring and performance optimization.
- Developed a real-time cab booking platform using **Next.js**, **Prisma ORM**, and **PostgreSQL**, integrating **Razorpay** payments with automated invoice generation.

**Live Stream Technologies**, Java Full Stack Development Intern May–June 2025

- Contributed to building full-stack web applications using **Java**, **Spring Boot**, and **React.js**.
- Implemented RESTful APIs and integrated dynamic front-end components.
- Collaborated in debugging, testing, and deployment to ensure performance and scalability.

**Xpert Infotech**, Desktop Support Intern Jul 2023

- Provided technical support for hardware/software issues.
- Assisted in system installations, troubleshooting, and maintenance.

## Certifications

- Java Full Stack Developer – Elysium Academy (Oct 2024 – Apr 2025):** HTML, CSS, JavaScript, ReactJS, Core Java, Spring Boot, JDBC, MySQL, and Software Testing
- Cloud Computing – Infosys Springboard:** IaaS, PaaS, SaaS, basic cloud deployment
- Selenium Basics – Infosys Springboard:** Learned fundamentals of Selenium for web automation and testing

## Achievements

- Second Prize – TECHMEET 2021: “Smart Attendance Using Face Recognition”
- Second Prize – Project Expo 2023: Interactive E-learning App

## Languages Known

Tamil, English