SANJAY RAJA
SOFTWARE DEVELOPER

✉ rsanjayraja78@gmail.com
📞 +91 9677334820
🔗 LinkedIn: linkedin.com/in/sanjay-raja-7100a3248
🌐 Portfolio: sanjayraja-portfolio.netlify.app
📍 Chennai, Tamil Nadu, India

PROFILE

Full Stack Software Developer with over 2 years of experience in designing, developing, and deploying scalable web applications using React.js, Next.js, Node.js, and Express.js. Strong expertise in building secure RESTful APIs, responsive user interfaces, AI-driven automation platforms, and enterprise-grade security solutions. Proven ability to work in Agile environments, integrate automation frameworks, optimize databases, and deliver high-quality software solutions that drive business efficiency and reliability.

PROFESSIONAL EXPERIENCE

Expleo Solutions Limited, Chennai   **Mar 2023 - Present**

- ➢ Architected modular full-stack applications using React.js, Next.js, Node.js, and Express.js.
- ➢ Delivered responsive UI components with TypeScript, Tailwind CSS, Material UI, and Bootstrap.
- ➢ Developed RESTful backend services with JWT authentication and role-based authorization.
- ➢ Applied enterprise security controls including session lifecycle management and SSO integration.
- ➢ Created AI-enabled automation platforms for web, API, and mobile testing using Playwright and Appium.
- ➢ Automated test generation from requirements and API definitions to reduce manual effort.
- ➢ Implemented live execution reporting and chat-based result streaming.
- ➢ Tuned relational databases (SQL Server, MySQL, MariaDB, PostgreSQL) for scalability and performance.
- ➢ Worked in Scrum teams using JIRA and Git-based repositories for version control and delivery.

KEY PROJECTS

Web-Based Test Automation Platform: Centralized execution of web, API, and mobile tests with live monitoring and reporting.

Enterprise Assets & Accelerators Portal: Internal system for managing reusable development accelerators and shared utilities.

AI-Assisted Code Generation Platform: Automated code and test creation with repository integration and execution workflows.

AI-Based Test Case Generation System: Converted functional requirements into executable test cases using AI-driven logic.

TECHNICAL SKILLS

- **Frontend Development:**

  React.js, Next.js, TypeScript, HTML5, CSS3, Tailwind CSS, Material UI, Bootstrap

- **Backend Development:**

  Node.js, Express.js, RESTful APIs, Microservices Architecture

- **Security & Authentication:**

  JWT Authentication, AES Encryption, Session Management, Role-Based Access Control (RBAC), Single Sign-On (SSO)

- **Automation & Testing:**

  Playwright, Appium, WebDriver IO

- **AI & Automation Platforms:**

  AI-based test case generation, dynamic execution logic, AI-assisted code automation

- **Databases:**

  SQL Server, MySQL, MariaDB, PostgreSQL, Database Performance Optimization

- **State Management & UI Architecture:**

  Redux, Zustand, Component-Based Architecture, Theme Management

- **DevOps & Tools:**

  Git, GitHub, Azure Repos, Bitbucket, Docker

- **Project Management & Collaboration:**

  Agile, Scrum, JIRA

- **Reporting & Outputs:**

  Real-time execution reports, Excel exports, structured test result dashboards

CERTIFICATIONS

- **ISTQB** – Foundational Level
- **Neo4j** – Certified Professional

EDUCATION

Graduation	Specialization	College Name	University Name	Grade Obtained	Course Duration
B.E.	Computer Science Engineering	AVS Engineering College, Salem.	Anna University	9.2	2019 - 2023