

# SATHIYASEELAN A

## Full stack web developer || Software Tester

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### SUMMARY

Certified Full-Stack Web Developer with a strong foundation in web development and software testing technologies and a keen interest in creating robust, scalable web applications. With over 8 years of diverse field experience, seeking a role as a **Full-Stack Web Developer** or **Software Tester** to leverage my expertise and contribute to the organization's goals.

### HANDS-ON EXPERIENCE

#### Full-Stack Web Development

- ❖ Developed **end-to-end web applications**, integrating both front-end and back-end technologies (React, Node.js, Express.js, MySQL, MongoDB).
- ❖ Created **responsive and dynamic user interfaces** using HTML, CSS, and JavaScript, while ensuring cross-platform compatibility.
- ❖ Implemented user authentication and **CRUD** operations with data persistence using MongoDB.
- ❖ Developed **RESTful APIs** for seamless data communication and real-time updates.
- ❖ Integrated **authentication mechanisms** (OAuth, JWT) for secure user login and registration.
- ❖ Applied responsive design techniques using frameworks like **Bootstrap** and **Tailwind CSS**.
- ❖ Created a responsive user interface using **Material-UI** for a consistent and modern look.
- ❖ Utilized **TanStack** for efficient state management and improved application performance
- ❖ Implemented the **Context API** for efficient state management and optimized performance.
- ❖ Utilized **WebSocket (Socket.io)** for real-time messaging
- ❖ Integrated **Axios** or **Fetch API** to handle API calls and manage asynchronous data flow.

#### Software Testing

- ❖ Strong knowledge in **OOPS** Concepts and **Java** Programming, including practical experience with **Java Collections Framework** (List, Set, Map, Queue) for handling and organizing data effectively during manual testing.
- ❖ In-depth understanding of **Agile SDLC** and **STLC** concepts
- ❖ Involved in the Preparation of **test Scenarios**, **test Cases** and **test data**.
- ❖ Conducted GUI and functional testing using **Blackbox** Testing Techniques.
- ❖ Participated in test execution, results evaluating, defect reporting and **RTM** preparation.
- ❖ Utilized bug tracking tools like **JIRA** and **Katalon** for efficient issue management

## TECHNICAL SKILLS

- ❖ **Front-End** : JavaScript, React.js, Bootstrap, Tailwind CSS
- ❖ **Back-End** : Node.js, Java, Express.js, Spring Boot, RESTful APIs
- ❖ **Authentication** : JWT, Passport.js, OAuth
- ❖ **Databases** : MySQL, MongoDB, PostgreSQL
- ❖ **Version Control** : Git, GitHub
- ❖ **IDEs** : Visual studio code, Notepad++, Spring tool suite
- ❖ **Bug Tracking Tools** : JIRA, Katalon
- ❖ **Software Methodology** : Agile
- ❖ **Database Management** : MySQL Workbench, MongoDB Compass
- ❖ **API Testing** : Postman
- ❖ **Others** : Web 3.0 Basics, Ms. Office

## CERTIFICATIONS

- ❖ Web development Bootcamp - Udemy
- ❖ Full Stack Development - Kgisl Micro-College, Coimbatore

## PROJECTS

- ❖ [Twitter Clone](#)
- ❖ [E-commerce Application](#)
- ❖ [Chat-App](#)
- ❖ [Notes App](#)
- ❖ [Netflix Clone](#)

## EDUCATION

- ❖ **Bachelor of Engineering** in Mechanical Engineering  
University College of Engineering, Thirukkuvalai-2015, 6.9 CGPA

## PERSONAL DETAILS

- ❖ **DOB** : 25.01.1994
- ❖ **Languages** : Tamil, English
- ❖ **Nationality** : Indian
- ❖ **Marital Status** : Single
- ❖ **Gender** : Male