

RABIN S

Pudukkottai, Tamil Nadu

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SUMMARY

Proactive Python Developer with experience in full-stack development and test automation. Skilled in Java and Python with a strong background in creating scalable applications, RESTful APIs, and efficient data structures. Adept at agile methodologies, debugging, and collaborating in cross-functional teams to deliver high-performance software solutions.

SKILLS

Programming Language	Python, Java, JavaScript
Front-End Development	HTML, CSS, ReactJS, Tailwind CSS
Back-End Development	Django, Node.js, Spring Boot
Testing & Automation:	Selenium, Unit Testing, Automated Testing
Database Management	MySQL, MongoDB
Soft Skills	Problem-solving, Data Structures, Algorithms, Object-Oriented design concepts

PROJECTS

Hospital Administration System (Python, OOP Concepts, File I/O)

- Designed a modular system to manage data for doctors, patients, and medications, reducing data entry errors by 20%.
- Leveraged Python's OOP features to enhance data handling and optimize workflows.

Twitter Social media (React.js, MongoDB and tailwind css, REST API, JSON)

- Developed a modular application to manage user profiles, tweets, and interactions, reducing data entry errors by 20%.
- Utilized React.js for a dynamic user interface and MongoDB for efficient data storage, implementing Tailwind CSS for responsive design.

EXPERIENCE

Software Developer Intern - Hewlett Packard Enterprise, Forage

October 2024

- Developed a RESTful web service with Java Spring Boot, improving data management and API performance by 10%.
- Built an HTTP request and JSON data processing server application to streamline workflow.
- Performed unit testing and debugging to improve code quality in an agile environment.

Software Developer Intern - Walmart Virtual Experience, Forage

October 2024

- Designed an optimized heap data structure in Java for logistics, reducing processing time and improving efficiency..
- Created ERD and UML diagrams to support database and application architecture.
- Debugged and enhanced code for operational reliability, improving response times in system workflows.

EDUCATION

B.E. in Electronics and Communication Engineering

2020-2024

SRM TRP Engineering College (Affiliated to Anna University)

CERTIFICATION

- JAVA
- Python
- Front-end Development
- Software Testing