Rajesh K

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PROFESSIONAL SUMMARY

Full Stack Developer and QA Engineer with expertise in MERN stack, Python Flask, automation testing, and web development. Proven ability to build scalable applications with secure authentication, RESTful APIs, and comprehensive testing. Proficient in Java, Selenium WebDriver, MongoDB, React.js, and modern web technologies. QSPIDERS-certified in Software Testing and Automation.

TECHNICAL SKILLS

Programming Languages: Java, Python
Web Technologies: HTML, CSS, JavaScript
Full Stack Technologies: MERN Stack (MongoDB, Express.js, React.js, Node.js), RESTful APIs
Frameworks: Flask, React.js, Node.js, Express.js
Database Management: MongoDB Atlas, SQL, MySQL
Testing & QA: Selenium WebDriver, Manual Testing, Automation Testing, Test Case Design
Tools & Platforms: GitHub, Postman, VS Code, Render, Netlify, Hostinger
Other Skills: Data Structures, Algorithms, Responsive Design, Agile Methodology

PROFESSIONAL TRAINING & PROJECTS

QSPIDERS - Software Testing & Development Training 2023
- Completed training in SQL, Java, Manual Testing, Web Technologies, and Selenium Automation with hands-on test case design, execution, and defect tracking
- Developed automation framework using Selenium WebDriver for browser testing and regression testing

Shop4Grocery - MERN Full Stack E-Commerce Application | *MongoDB, Express.js, React.js, Node.js* 2024
- Developed full-stack e-commerce platform with JWT authentication, role-based access control, and RESTful APIs for product catalog, cart, and order management
- Built responsive React frontend with optimized components and state management achieving 99.5% uptime
- Reduced cart abandonment by 20% through streamlined checkout; managed 500+ products with real-time inventory updates

Voting Management System - Secure Online Voting Platform | *Python, Flask, MongoDB* 2024
- Built secure voting platform with Flask backend, MongoDB database, user authentication, and single-vote validation ensuring election integrity
- Created admin panel with candidate registration, voter management, and live results dashboard with real-time updates
- Successfully handled 100+ concurrent users during mock elections with zero data breaches; deployed on Render with 99.9% availability

FindNearPG - Location-Based PG Finder Web Application | *Python, Flask, MongoDB Atlas, Google Maps API* 2025
- Developed web application with Flask backend and MongoDB Atlas for scalable cloud data storage, integrated Google Maps API for location-based search
- Designed responsive frontend with HTML5, CSS3, and JavaScript featuring intuitive UI and real-time data updates
- Implemented secure user authentication and contact functionality enabling users to find PG accommodations within seconds
- Live Demo: https://findnearpg-gbt4.onrender.com

EDUCATION

Presidency University	Bengaluru, Karnataka
Master of Computer Application (MCA)	*2024 – 2026*
Vidyavahini First Grade College	Tumkur, Karnataka
Bachelor of Computer Application (BCA) - CGPA: 9.21/10.0	*2021 – 2024*

CERTIFICATIONS & ACHIEVEMENTS

QSPIDERS Internship Certificate: Software Testing & Automation (Selenium, Java, SQL)
First Prize: Query Breaker Competition - Database Query Optimization Challenge
Winner: Chess Competition - Strategic Thinking & Problem Solving