




Rahul A P

Junior Software Engineer

Personal Info

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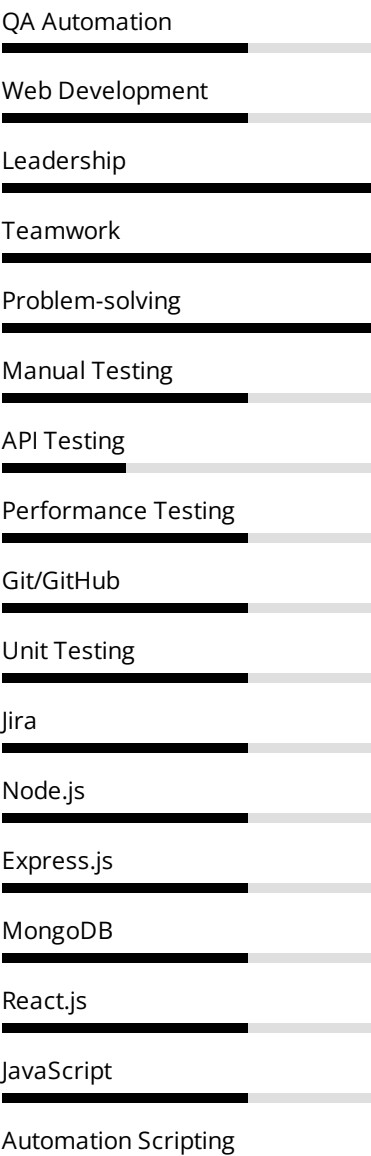
Date of birth
16/09/2003

Links

[Linkedin](#)

[github](#)

Skills



Summary

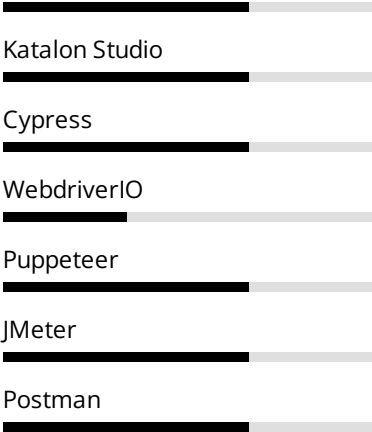
I am a Junior Software Engineer with a strong focus on front-end development, specializing in JavaScript, React.js, CSS, and SCSS. With hands-on experience in backend technologies like Express.js, MongoDB, and API development, I bring a comprehensive skill set to the table. I also have expertise in Quality Assurance (QA), where I utilize tools such as Katalon Studio, Cypress, WebdriverIO, Puppeteer, JMeter, and Postman to automate testing solutions. By implementing GitHub Actions to automate workflows, I have enhanced efficiency and ensured high-quality code delivery. I am passionate about continuous learning and am eager to contribute to innovative and impactful projects in software development and testing.

Technologies

- **Frontend:** JavaScript, React.js, CSS, SCSS
- **Backend:** Node.js, Express.js, MongoDB
- **QA & Testing:** Katalon Studio, Cypress, WebdriverIO, Puppeteer, JMeter, Postman, HTTPie, Manual Testing

Work Experience

- Jr. Software Engineer, AOT-TECHNOLOGIES, Thiruvananthapuram
June 2024 - Present
- **Front-End Development:** Created and maintained responsive front-end applications with JavaScript and React.js, ensuring fast performance and smooth user experiences across browsers and devices. Led design improvements with CSS and SCSS for better mobile compatibility.
 - **Backend Development & API Integration:** Developed APIs using Node.js, Express.js, and MongoDB, optimizing data handling to improve server response times.
 - **QA & Automated Testing:** Set up automated testing with Puppeteer, Cypress, and Katalon Studio, reducing manual testing efforts. Automated browser extension testing, including audio and video call simulations, to improve test coverage.
 - **Performance Testing:** Used JMeter to identify and fix system bottlenecks, making the system run more efficiently.
 - **API Testing:** Conducted API tests with Postman and HTTPie, ensuring secure and reliable integration.



Languages



- **Continuous Integration:** Implemented GitHub Actions for automated testing and linting, improving code quality in the CI/CD pipeline.
- **Team Collaboration:** Worked with cross-functional teams, using Jira to track and resolve issues quickly and keep projects on schedule.
- **Manual Testing:** Carried out manual and automated tests, managed test data and environments, and documented results to support ongoing QA.

Education

Diploma in Computer Engineering , Kerala Government Polytechnic College (85%)
August 2021 - May 2024

Studied Java, C, Python, and explored AI and IoT, building a strong foundation in computer engineering and software development.

Plus Two, Pavandoor HSS (80%)
June 2019 - April 2021

Licenses & certifications

Cyber security cadet-ethical hacking
November 2023 - November 2023

Generative AI with Google cloud
October 2023 - October 2023

Internship Training on IoT
June 2023 - June 2023