Neranjan Chinthaka

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Professional Summary

Results-driven Tech Lead with proven expertise in software design, development, and quality assurance. Strong leadership skills with experience managing cross-functional teams to deliver high-quality, scalable solutions. Skilled in full-stack development (MERN stack, PHP, and .NET) and QA automation with tools like Playwright and Katalon. Passionate about implementing best practices, improving processes, and mentoring engineers to achieve excellence.

Technical Skills

• Programming: JavaScript, TypeScript, PHP, Java, C#, Python • Frameworks: React, Node.js, Express, Laravel, .NET • Databases: MySQL, MongoDB, SQL Server, Firebase • Testing & QA: Playwright, Katalon Studio, Selenium, Jest • Tools: Git, Docker, Jenkins, Postman, JIRA • Cloud & DevOps: AWS, Firebase, CI/CD pipelines

Professional Experience

Tech Lead / QA Automation Engineer — Freelance / Consultant (2023 – Present)
• Led a small development and QA team to design and deliver web and mobile solutions for financial and collection systems. • Implemented test automation frameworks using Playwright and Katalon for improved test efficiency. • Collaborated with mobile app developers to integrate Firebase and backend services using the MERN stack. • Conducted code reviews, optimized backend APIs, and mentored junior developers on full-stack practices.

QA Engineer — Software Company (2018 – 2023)
• Conducted manual and automated testing for web and mobile applications ensuring high reliability. • Created test plans, designed test cases, and tracked defects using JIRA. • Worked closely with developers to identify and resolve software defects early in the SDLC. • Participated in sprint planning, release management, and continuous improvement initiatives.

Education

• BCS Postgraduate Diploma in IT — British Computer Society (Ongoing) • Diploma in Software Engineering — Local Institute • Certifications in QA Automation, Playwright, and MERN Stack Development

Leadership & Achievements

• Successfully managed end-to-end delivery of multiple client projects. • Mentored interns and junior developers in QA automation and full-stack technologies. • Improved testing efficiency by 40% through automation adoption. • Recognized for collaboration and innovation in developing project solutions.