ROSHAN KHADKA

ANALYST PROGRAMMER

CONTACT

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📍 Melbourne, Australia

LINKS

Website
Github
LinkedIn

SKILLS

- Javascript
- ReactJS/Redux
- NextJS
- Python
- MongoDB/MySQL
- Cypress/Jest/Storybook
- Microsoft Azure
- Git/GitHub
- HTML5/CSS3/Wordpress
- WebdriverIO
- Jira/Jenkins

EDUCATION

Bachelors of Information Technology
Australian Catholic University
Feb 2018 - Jan 2021

REFERENCE

Available upon request

PROFILE

Experienced Analyst Programmer at Rotor Studios with expertise in JavaScript and ReactJS, delivering high-impact web applications for automobile giants like Toyota and Lexus. Proven ability to enhance performance and optimize user experience while collaborating effectively with cross-functional teams. Committed to quality, utilizing strong problem-solving skills to debug and improve software reliability.

WORK EXPERIENCE

Analyst Programmer at Rotor Studios

July 2022 - Present

- Built and optimized high-performance React applications, improving page load times by 35% and significantly enhancing user engagement and retention.
- Developed reusable, modular React components, reducing development time for future features by 40% and improving team efficiency.
- Successfully migrated the legacy React application to Next.js, improving SEO, enabling server-side rendering, and resulting in a 20% improvement in page load times and 25% higher user retention.
- Designed and implemented automation frameworks using WebDriverIO and Cypress, resulting in a 60% reduction in test execution time and speeding up release cycles.
- Increased test coverage by 85%, reducing post-release defects by 30% through the creation and maintenance of automated test scripts with Jest, Cypress, and WebDriverIO.
- Collaborated with cross-functional teams (including back-end developers and product managers) to ensure seamless integration of front-end features and APIs, enhancing app performance by 20%.
- Developed tools to automate repetitive manual tasks, saving 10+ hours per week and increasing team productivity.
- Enhanced CI/CD pipelines, automating deployment processes and increasing efficiency, reducing manual intervention, and improving deployment reliability.
- Fixed critical bugs and refactored legacy code, improving application stability and making the software more scalable.

Junior QA Analyst at Rotor Studios

July 2021 - July 2022

- Performed functional, regression, usability, and exploratory testing on web, mobile, or desktop applications.
- Identified software defects, logged them into bug tracking tool i.e., JIRA and tracked their resolution.
- Prepared and managed data required for testing different scenarios.
- Followed defined QA procedures and best practices to ensure consistent software quality.
- Executed existing automated test scripts, monitored test execution and logged defects in JIRA, while working closely with developers to resolve issues.