

# Nischal Neupane

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## SUMMARY AND QUALIFICATION

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- Software Engineer with 3+ years of experience in building and delivering scalable, high-performance web applications using React, JavaScript, and modern UI frameworks.
- Strong fundamental knowledge of data structure and algorithm with more than 230+ problems solved in leetcode.
- Expertise in end-to-end application development, from design to production deployment, consistently improving efficiency and reducing defects.
- Strong background in UI/UX development, automation testing, and application migration, delivering secure and compliant solutions with 100% vulnerability compliance.
- Experienced in Agile environments, collaborating with cross-functional stakeholders and mentoring junior developers to elevate team performance.
- Adept at optimizing workflows and release processes, resulting in faster delivery cycles and higher product reliability.

## TECHNOLOGIES

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Web development & framework	React Js, Redux Js, javascript, HTML, CSS, SCSS, Restful API, node js
Languages	Javascript, Typescript, Python
Database	SQL Server
Testing Framework	Playwright, jest
Version control	Git
CI/CD Tools	Codefresh
Monitoring tool	Splunk

## EDUCATION

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**Bachelor of Technology, Computer Science & Engineering**

2017 – 2021 | Bangalore, India

*BMS Institute Of Technology And Management*

## PROFESSIONAL EXPERIENCE

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**Software Engineer**

09/2021 – present | Bangalore, India

Australia and New Zealand Banking Group

**Technologies: React JS, Redux JS, jQuery, SCSS, HTML, Jest, Enzyme, playwright, AEM, storybook, AEM Forms**

- Maintained and enhanced AEM-based online forms for ANZ.com, ensuring 24/7 availability and reducing downtime-related incidents significantly.
- Developed reusable components, workflows, and content fragments, cutting feature delivery time and improving maintainability across multiple projects.
- Wrote 300+ automated Playwright and Jest tests, increasing test coverage to 95% and reducing regression bugs by 60%.
- Led the frontend team, defining technical strategy, improving code quality standards, and mentoring new hires — resulting in faster onboarding process.
- Implemented BlackDuck and Checkmarx security scans, ensuring 100% compliance with enterprise standards and eliminating high-severity vulnerabilities pre-release.
- Collaborated directly with business stakeholders, translating requirements into deliverables, and improved client satisfaction through faster turnaround and quality delivery.

**Technologies: JavaScript, React JS, SQL, Jira, HTML, CSS, Express js, MongoDB, GitHub**

- Developed a high-performance user interface by implementing testable and reusable code using, resulting in a 20% reduction in bug reports and a 30% increase in user satisfaction ratings
- Spearheaded Rest API integration efforts, enhancing system functionality and facilitating seamless data exchange, leading to a 25% improvement in application performance metrics
- Collaborated closely with the team to conduct diagnostic tests and efficiently resolve bugs, resulting in a 40% decrease in average bug resolution time and a 15% increase in development productivity
- Authored comprehensive frontend documentation for phase 2 of the product, streamlining the onboarding process for new team members and reducing ramp-up time by 50%, ultimately accelerating project delivery by 20%

**Front End Web Developer, Freelancer**

11/2020 – 02/2021

Fiverr

**Technologies: JavaScript, ReactJS, SQL, JSON, HTML, CSS**

## PROJECTS

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**Next Home Loan Tool** 

*Australia and New Zealand Banking Group*

**Technology used: React, Redux, AEM (Adobe Experience Manager), SCSS, Storybook**

Responsibilities:

- Built reusable UI components and 300+ automated test cases with Jest/Playwright, increasing test coverage to 85%, reducing regression issues by 30% and improving release reliability.
- Prepared documentation for content authors resulting in faster delivery and onboarding of new forms.
- Refactored the codebase, improving performance metrics by up to 80% and enhancing overall system efficiency.
- Taken ownership of release process and deployed the code in production.
- Held training session for content authors and new team members.

**Business Loan Repayment Calculator** 

*Australia and New Zealand Banking Group*

**Technology used: React, Redux, SCSS, HTML, Jest, Enzyme, playwright, AEM, storybook**

- Develop different components using react, redux, SCSS and AEM.
- Improved page load time by 28% by optimizing bundle size, lazy-loading components, and minimizing unused CSS.
- Support release related activities.
- Provide training session to new onboarded members such as contractors and vendor partner.
- Automated 100+ functional test cases with Playwright, increasing test coverage to 80% plus resulting in 25% reduction in bug report.

**Property Profile Report** 

*Australia and New Zealand Banking Group*

**Technologies used: JavaScript, AEM (Adobe Experience Manager), HTML, CSS, jest, playwright**

- Designed and delivered a flexible React and AEM architecture that allowed content authors to modify content without developer support, cutting turnaround time
- Develop different components, DAM, workflows on AEM tools
- Writing code to consume data provided by third party service.
- Writing unit test cases using jest and automated test cases using playwright.
- Maintain the necessary documentations on confluence.