



Katherine Rock

Front End Developer

Profile

I am a full stack web developer, focused on front-end development. I have 2 years of software development experience across Power Platform and SharePoint. The majority of my coding experience has been with Javascript/React.

RECENT EXPERIENCE

REACT NATIVE DEVELOPER

Self-employed

Feb-2023 to present

- Creating an app for users to track their favourite wines
- React Native frontend (JavaScript) with a Firebase backend
- App uses Cloud Vision API for text processing

ASSOCIATE SOFTWARE DEVELOPER

Engage Squared







Sep-2021 to Feb-2023

- Create and maintain SharePoint intranet components (JavaScript/React)
- Maintain Viva adaptive card extensions (JavaScript/React)
- Create, maintain and deploy Power Apps
- SharePoint intranet migrations (PowerShell scripts)
- Create and maintain Power Automate flows
- Create admin and deployment guides
- Training client staff
- Testing and quality control

PREVIOUS WORK EXPERIENCE

Clinical Trials

- 13 years experience as a Clinical Research Associate and Clinical Lead
- Responsible for monitoring trials for quality and compliance, leading project teams, client management, training site staff and line management.

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-  LinkedIn: linkedin.com/in/katherine-rock-3b795770
-  GitHub: github.com/katherine-rock

CERTIFICATIONS

Microsoft Power Platform Fundamentals (PL-900), Jan-2022

In progress - Microsoft Power Platform App Maker Associate (PL-100)

TECH STACK

- Microsoft Power Platform
- JavaScript
- React
- React Native
- Ruby
- Ruby on Rails



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KEY PROFESSIONAL PROJECTS

INFORMATION ASSET REGISTER (POWER APPS - CANVAS APP)

Large NSW government local council

- Created a canvas Power App to create, view and update assets for council information asset register
- Created Power Automate flows to submit new asset records and edited asset records for approval
- Trained council staff on the use of the app and flows
- Deployed Power App and Power Automate flows to council production environment
- Created Power Automate flow to populate production data source with existing data

COMPLIANCE REPORTING APP (POWER APPS - MODEL-DRIVEN APP)

Real Estate Inspection Company, Victoria

- Ongoing maintenance of model-driven app
- Created a Word template using XML mapping to export data from a model-driven app into a Word document to report on compliance checks
- Trained client staff on model-driven app and document export process

SHAREPOINT ONLINE INTRANET PROJECT

Large Australian-based global corporation

- Updated SPFx web parts to ensure mobile-friendly design
- Bug fixes in React/TypeScript for custom intranet components (SPFx web parts)
- Power Automate approval flows for document publishing
- Managed manual testing for intranet project with 50+ custom components
- Implemented quality control (QC) standard across range of browsers and screen sizes to ensure consistent, responsive design
- Created and managed dashboards and queries in DevOps
- Prioritised bugs and tasks in Azure DevOps
- Trained internal team on use of Azure DevOps
- Client liaison for QC
- Supported senior consultants in client interactions with technical information
- Assist in preparation of Admin Guide



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KEY PROFESSIONAL PROJECTS

POWER AUTOMATE

Various clients

Created Power Automate flows for:

- On-boarding and off-boarding users using Azure group membership
- Document publishing and review, depending on group membership and permission levels
- Sending notifications to members of M365 groups and sub-groups

OTHER KEY TASKS

Various clients

Power Platform

- Train client to make basic Power App updates
- Installed Power Apps Creator Kit
- Trained staff on use of the Creator kit, creating custom components and theme designer

SharePoint

- Configure production SharePoint sites
- Add list view formatting to display SharePoint list data as cards with visual elements, including mobile responsive design
- Provisioned new SharePoint sites with PowerShell scripts
- Implemented new SharePoint theme
- Migrated existing intranet content to SharePoint Online
- Modified custom web part styles, packaged and deployed to production environment
- Implement application customiser to add scripts for tracking and analytics
- Prepared and ran PowerShell scripts to extract lists and create sites



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PERSONAL PROJECTS

POWER PLATFORM

Power BI

Dashboards for tracking key indicators for a clinical trial, including patient screening activities, ongoing action items and protocol deviations.

Canvas App

App for reporting protocol deviations in a clinical trial. Also includes option to search and filter records and to edit. Power Automate used to send notifications to key team members.

Model-driven App

App for reporting key information to internal team members and client staff from onsite compliance visits.

REACT / REACT NATIVE (JAVASCRIPT)

'Wine Quest' App

App for users to track wines they have tasted and their ratings.

Demo video available at:

<https://katherine-rock.github.io/ProjectsPage/projectsPage.html>

User acceptance testing scheduled for June-2023.

RUBY ON RAILS

'Whitsundays Sailing' travel planning app

App for sharing information, ideas, documents, photos and chat messages for a group planning a holiday.

GitHub repo: <https://github.com/katherine-rock/whitsundays2021>

'Pixeltastic' Stock Photography app

2-sided marketplace for buying and selling stock photography images.

Live site: <https://pixeltastic.herokuapp.com/>

GitHub repo: <https://github.com/katherine-rock/pixeltastic>

Please visit katherine-rock.github.io for screenshots and more information on the above personal projects.

EDUCATION

Diploma of Information Technology

Coder Academy, Sydney, Australia
2021

Bachelor of Arts (Honours) Psychology major

Western Sydney University, Australia

Bachelor of Social Science, Psychology major

Western Sydney University, Australia

CORE SKILLS

- Software development
- App development
- Agile methodology
- Responsive design
- Line management
- Team leadership
- Client management
- Training and mentoring

TOOLS

- Bootstrap
- Tailwind
- Figma
- SASS
- Azure DevOps
- Jira
- Confluence
- Trello
- Amazon Web Services
- Heroku
- Netlify
- Jest
- Cypress
- Rspec Rails
- React Testing Library