

Matthew Allen

Senior Web Developer

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SUMMARY

Hey there, I'm Matt. I've been immersed in the web development space for over a decade, with a professional focus over the last 4 years working with Angular, React, and Express.js. Whether it's personal projects or work-related tasks, I pour my passion into crafting exceptional user experiences.

I firmly believe in advocating for the user, ensuring their needs are always front and center. If something feels off or doesn't align with their interests, I'm not afraid to speak up.

My experience has equipped me with a critical eye for project design and development. Having encountered my fair share of challenges, I've learned valuable lessons that I'm more than happy to share to help navigate similar hurdles.

EXPERIENCE

Senior Software Developer Addinsight / SAGE Group 2024 - 2024

Senior Software Developer for Addinsight, developing software to help governments and councils manage traffic congestion and insights in their local areas.

- Lead the development on a new Events feature to allow governments and councils create events on a map for things like collisions, road closures, detours and many other event types.
- Collaborated with other developers to help guide the direction of their new React based UI experience, including things such as state stores, better component re-usability and also working to create automated API testing.
- Attended presentation from Department of Infrastructure and Transport to learn more about how councils manage traffic and congestion in Adelaide.

Lead Developer Royal Automobile Association 2022 - 2024

Lead Developer for RAA, developing and delivering solutions for RAA's 800,000+ members that are responsible for a third of all member interactions and a third of new business supporting \$500m+ revenue.

- Lead development role in an agile development practice as part of a broader cross-functional digital team of UX/UI, Product, BAs, Testing, Content, Insights, and Integration
- Develop and deliver high quality Angular and React/Next.js digital solutions that consider key factors including design, responsiveness, accessibility, cyber security, reliability, scalability, and performance
- Technical lead on a major project to implement a new Identity Management Platform (from Azure B2C to Auth0), including leading development of the new IDM solution, digital architecture, aligning development and technology resources and solutions across internal and vendor teams, scripting and planning seamless user migration, testing, and highly successful release
- Launched new My Account self-service portal to drive digital channel adoption, respond to member demand for digital self-service, and support scalability and efficiency of RAA, with key contributions to ensure alignment of new portal with new IDM
- Engage with architects and contribute to key digital architecture decisions
- Mentor junior developers, including interns and graduates

SKILLS

Web Development

[React](#) [NextJS](#) [Angular](#) [NodeJS](#)
[ExpressJS](#) [Typescript](#) [Javascript](#)
[REST APIs](#) [SCSS](#) [CSS](#) [HTML5](#)
[.NET Core](#) [C#](#) [JEST](#) [JASMINE](#)
[Swagger](#)

Tools

[Postman](#) [Sentry](#) [Kibana](#) [Azure AD](#)
[Storybook](#) [Elasticsearch](#) [Stripe](#)
[Azure App Insights](#) [Azure App Services](#)
[Azure Frontdoor](#) [Azure Keyvault](#)
[Azure B2C](#) [Azure DevOps](#) [Azure CI/CD](#)
[Confluence](#) [JIRA](#)

Databases

[MongoDB](#) [MySQL](#) [SQLite](#) [PostgreSQL](#)
[MariaDB](#)

STRENGTHS



Full Stack Development Expertise

I have a strong background in full-stack development with a focus on front-end technologies.



Scaling and Performance Optimization

Proven track record in developing and scaling web applications to accommodate hundreds of thousands of users, with a focus on optimizing performance, reliability, and scalability.



Authentication and Security Expertise

Experienced in implementing authentication protocols such as OAuth and ensuring robust security measures in digital solutions, safeguarding user data and system integrity.



Cloud Technologies and DevOps Practices

Proficient in cloud platforms like Microsoft Azure and implementing CI/CD pipelines using Azure DevOps and Git, ensuring efficient development, deployment, and continuous integration workflows.

EXPERIENCE

Web Developer

Royal Automobile Association

2022 - 2022

Developed solutions for major digital projects, taking on additional responsibilities as part of a promoted role.

- Key contributions to the development of new online Insurance and Road Service quote and purchase journeys to drive improved experience and conversion for the digital channel responsible for a third of new business powering RAA's \$500m+ revenue
- Designed and developed responsive, secure, and high-performance digital solutions to drive revenue and experience goals
- Collaborated with UX/UI designers to ensure delivery of great digital experiences
- Gathered and translated business, product, and design requirements into technology outcomes while solving emerging technical challenges
- Consumed REST APIs and integrated front-end experiences with complex back-end financial system

Assistant Web Developer

Royal Automobile Association

2021 - 2022

Developed digital solutions for RAA's members and customers including implementing enhanced UX/UI to improve member experience.

- Developed and delivered high quality digital solutions to engage and empower RAA's members and customers
- Collaborated across cross-functional teams consisting of development, UX, UI, BA, Testing, and other resources
- Communicated and fostered collaborative working relationships within and across technology and business teams
- Collaborated with external vendors to deliver digital outcomes

PROJECTS

Portfolio

<https://heylookitworks.dev>

2022 - Present

Retoggle

<https://retoggle.com.au>

2024 - Present

Retoggle is the next evolution from Requestful, taking what I learned about how to start a business and also shifting the idea from API Mocking to something I believe could help a lot more people and makes the product more viable to continue working on. Retoggle is going well and you can read more about it on the marking website if you're interested.

- <https://retoggle.com.au>

Requestful

<https://requestful.com.au>

2022 - 2024

Requestful is a product I started to build to learn to start a business. Simple in it's idea, it's taught me all things business like setting up an email service, billing, designing, architecting, hosting and supporting a product in production.

- You can read more about it's development on my portfolio
- <https://heylookitworks.dev/projects/requestful>

Marvin

<https://heylookitworks.dev/projects/marvin>

2019 - 2023

Developed a Discord Bot used by over 300,000 users, powered by a scalable and performant cloud environment leveraging SignalR for load balancing, PostgreSQL to handle the massive amount of data ingest, and supported with a custom developed administration panel including logging and analytics.

- This project has since ended as I didn't have the time or budget to keep maintaining the project.

EDUCATION

Bachelor of Information Technology

Flinders University

2019 - 2020 (Incomplete)

Foundation Studies

Flinders University

2019 - 2019

Certificate II in Electrotechnology

ATEC Training

2017 - 2017

Certificate II in Information Technology

Bedford Training

2013 - 2013