

Daniel Murphy

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[Portfolio](#)

[LinkedIn](#)

[GitHub](#)

SKILLS

Languages: JavaScript, Python, Java, C++/C, R, Matlab, SQL, HTML5, PHP, CSS

Frameworks: React JS, Vue, React Native, Laravel, GraphQL, REST API, TensorFlow, Keras

Cloud: AWS, Dynamo DB, SingleStore, S3, Amplify, AWS AppSync, AWS Lamda, BigQuery

Tools: GitHub, JIRA, Visual Studio, XCode, ESLint, Wireshark, Singlestore

WORK EXPERIENCE

Universal Music Australia

September 2024 - Present

Senior Analyst - Data Platforms and Insights

- Developed interactive front-end web pages using React.js, enabling key stakeholders to easily visualize and customize data to meet their specific needs and preferences.
- Contributed to full-stack development of a JavaScript application for scouting emerging artists and tracking their performance across multiple Digital Service Providers and social media platforms, leveraging official APIs and custom-built web scraping tools to gather and integrate data.
- Built and executed testing scripts to ensure data accuracy, consistency, and completeness, validating that millions of rows loaded efficiently from source data into data modeling software without discrepancies or data loss.

MODLR, Wellington, New Zealand

July 2022 - August 2024

Software Engineer

- Designed and developed a bespoke CRM system using JavaScript, SQL, PHP, Vue.js, and SQL to facilitate highly efficient customer relationship management of financial clients.
- Worked with customers to develop, review and timeline new system designs for their specific business requirements.
- Developed web based applications using JavaScript code to interface with APIs from various accounting platforms to manage customer financial data.
- Developed websites providing financial dashboards that enabled clients to work with interactive data visualisations and drill-downs of their financial data and statistics.
- Engaged in regular meetings with clients to review their systems operations and address their specific questions and concerns.
- Participated in code reviews and contributed to code development best practices that were used across the company.

Benetech, Palo Alto, California

January 2022 - July 2022

Software Engineering Intern

- Worked in an Agile development team developing a mobile reading application designed for users with reading disabilities such as dyslexia and blindness. The application was developed with React Native and utilized a range of APIs to access custom back-end services to deliver content.
- Utilized AWS services like CloudFront, AppSync and Lambda to manage centralized book lists, user authentication and content caching for scalability.
- Extensive use of Javascript and React Native libraries such as NativeBase, EpubJS and Apollo.

EDUCATION

University of California, Irvine

2016-2020

Bachelor of Science in Computer Science, GPA: 3.53

Coursework Topics

Artificial Intelligence, Machine Learning and Data Mining, Data Structures and Analysis, Computer Vision and Image Processing, Compilers and Interpreters, Distributed and Parallel Systems, Statistics and Bayesian Probability Theory.