

# Vinu Karunasinghe

Front End Developer / Engineer

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**Github:** [github.com/vinu-codes](https://github.com/vinu-codes) | **Portfolio:** [v-codes.io](https://v-codes.io) | **Citizenship:** Australian

## PROFESSIONAL SUMMARY

Motivated Front-End Developer driven by a passion for problem-solving and creating innovative and user-centric solutions. Proficient in Javascript, HTML, CSS and React which enable me to write well architected software. I am eager to contribute my skills to a team that values quality code and encourages professional growth.

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## EXPERIENCE

### Junior Software Engineer - EYB Solutions Pty Ltd (contract)

May 2023 - Current

- Developed sophisticated user interfaces using React.js and Web Components
- Implemented complex multi-dimensional dynamic forms with extensive custom validation
- Reusable and modular component-based architecture
- Style encapsulation with Custom Elements and Shadow-DOM
- Modern Webpack build tooling configuration
- Fully responsive mobile/desktop with media queries
- Troubleshoot and debug for multiple browsers and devices
- Developed custom tooling to accelerate project delivery
- Provided feedback on usability and functionality, suggested improvements
- Planned, scoped, and estimated development tasks based on requirements
- Continuous upskilling to stay current with evolving technology
- Engaged in regular feedback meetings to improve individual and team performance

## TECHNOLOGIES

Javascript, Vanilla Javascript, HTML5, React, Styled-Components, Web Components, Vue, SCSS, CSS in JS / Git / Figma

### Freelance Front End Developer - Prototyping / End-to-End Application Development

Apr 2023 - Current

- Translate Figma application designs into production-ready features, adhering to UI/UX best practices
- Built a robust design system library of reusable components (available upon request)
- Establish domain configuration and implemented CI/CD pipelines using Vercel for project deployment
- Collaborate with senior developers and participated in code reviews via pull requests
- Implement test cases (Jest and React Testing Library) to ensure code quality
- Troubleshoot bundling errors, network request issues, and styling bugs
- Undertake training provided by senior Javascript engineers both in person and remote
- Familiar working with asynchronous data fetching through Restful API calls (Axios, Fetch Api, Redux Thunks, Ajax)
- Experience designing and implementing backend architecture using Node.js

## TECHNOLOGIES

Javascript, Vanilla Javascript, HTML5, React, Redux, SCSS, CSS in JS / Styled-Components / Git / GitHub / Firebase / Firestore / Vercel / CI-CD / Axios / Node.js / Figma

## Front End Developer - AimaLife Pty Ltd (contract)

Jun 2023 - Aug 2023

- Collaborated with senior developers to design and implement key features in the fitness application
- Developed and maintained reusable front-end components using JavaScript and React.js, integrating seamlessly with back-end services
- Participated in code reviews to enhance coding standards and best practices
- Demonstrated POCs based on design requirements using available technology stacks (Redux Thunks vs. Redux Context API)
- Gained experience with ES5, ES6, ES7 JavaScript, NPM, and Webpack for bundling

### TECHNOLOGIES

Javascript, React, Redux / Styled-Components / Git / GitHub / Vercel / CI-CD / Figma

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## PROJECTS

### Portfolio

- Developed a responsive web application with authentication and data persistence using Firebase Firestore | repository: [github.com/vinu-codes/portfolio](https://github.com/vinu-codes/portfolio)
- Mobile-first design using media queries and CSS Flexbox with Styled Components
- Custom router solution (similar to react-router-dom) for client-side navigation
- Integrated and maintained automated CI/CD pipelines leveraging Github and Vercel on selected branches

### Tasker

- Comprehensive task management app. Built using React.js, Styled Components / CSS in JS | repository: [github.com/vinu-codes/tasker](https://github.com/vinu-codes/tasker).
- Implemented Google's Firestore for CMS purposes, utilising async thunks for asynchronous authentication and login operations

### Daily App

- Built using Node.js for server-side logic, Express.js framework for handling HTTP requests and routing, and Javascript & React.js for creating dynamic responsive UI
- Dashboard for comprehensive note taking, designed to help users to capture, organise and store notes | repository: [github.com/vinu-codes/daily](https://github.com/vinu-codes/daily)

### TECHNOLOGIES

Javascript, React, Redux, SCSS / Styled Components / Git / GitHub / Firebase / Firestore / Vercel / CI-CD / Slack / Node.js / Typescript

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## EDUCATION

UDEMY (Mar 2023 - June 2023)

Successfully completed 5 Udemy course certifications in Front End Web Development, including developing projects as part of course requirements.

- Modern React with Redux (Stephen Grider)
- Javascript "Understanding the weird parts" (Anthony Alicea)
- Advanced Javascript (Asim Hussain)
- ES6 Javascript: The Complete Developer's Guide (Stephen Grider)
- Git Complete: The definitive step-by-step Guide to Git (Jason Taylor)

MACQUARIE UNIVERSITY (2019 - 2022)

Bachelor of Commerce

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## REFERENCES

Available upon request