# David Sampson - Front End Engineer (React.js)

# Please see hosted CV - [https://technotes.site/cv](https://technotes.site/cv)

*Strong React.js, CSS & React Native experience. Trained in Java, passionate about JavaScript. Solid experience with git, merge master. Team player, leader, learner, teacher. Appreciates code conventions. Learns daily, works smart. Agile PM Enthusiast. 29 years old.*

"Make it work, make it right, make it fast."

## Contact

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## Top Skills

- React.js, Next.js & React Native
- JavaScript / TypeScript ES6 & D3.js
- Redux Saga, Fetch, RTK & Axios
- Git, HTML5, JSON, HTTP, REST, tRPC
- DBMS, Node, Express, Prisma, SQLite
- CSS3, SCSS, MUI, Antd & Tailwind
- Postman, RTL & Jest, Jetbrains, GPT-4

## Core Competencies

- Frontend Design & Development
- Backend, Database & API Development
- Mobile Development & Android Studio
- Cloud Driven Development (AWS, Vercel)
- Agile Project Management, Github CI/CD
- Technical Analysis, Design & Leadership
- Comprehensive System Delivery

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## Relevant Work Experience (3 Years)

- o **Software Engineer, [Open Vantage](https://technotes.site/cv)**
  *July 2023 - April 2024 (Full-time), South Africa, Hybrid*

  **Projects:**

- Asset Manager/Tracker Web App (Property): React/TS, Prisma, tRPC, Antd, Styled Components, AWS

**Duties:**

- Web frontend project inception and creation built with React.js, tRPC, Typescript and much more.
- Web frontend setup on AWS using S3, weekly deployment duties and assistance.
- Daily standup attendance, client meetings, internal meetings, and daily project development.
- Daily Agile implementation for project management and employed GitHub CI/CD for efficient deployments.
- Worked extensively with git for version control and collaborated across teams to enhance code quality.
- Delivered ongoing technical guidance to the designer and project manager.
- Daily API integration and frontend architecture implementation.
- Contributed to code reviews and reinforced my understanding of best practices in software development.
- Supporting role assisting backend development using tRPC and prisma.
- Time tracking and ticket management using Clickup.
- Benefited from regular upskilling and mentorship.

**Outcome:**

- Resigned due to project viability and management concerns.

o **Lead React Developer, IrriCheck**
*April 2022 - July 2023 (Full-time), South Africa, Remote*

**Projects:**

- Productivity Manager/Tracker Web Front End (Agritech): React/JS, Redux Sagas, SCSS & Tailwind, D3.js

**Duties:**

- Web frontend project inception and creation using React.js, Redux Saga and d3.js.
- Daily API integration and frontend architecture implementation.
- Daily project development and weekly meeting attendance.
- Employed d3.js to develop extensive moisture tracking data visualisation screens.
- Total ownership of the solution.

**Outcome:**

- Handover to new dev was successful.
- Resigned to take a role with more teamwork and collaboration.

o **Junior Software Developer, VZAP | Van Zyl & Pritchard (Software For You)**
*April 2021 - April 2022 (Full-time), Johannesburg, Gauteng, South Africa, On-site*

**Projects**:

- Customer Relations Manager Web Front End (Printing): React/JS, Redux & Sagas, SCSS, RTL & Jest
- Quality Improvement Tracker Web App (Healthcare): React/JS, CSS, Java, Spring, Azure
- Quality Improvement Tracker Mobile App (Healthcare): React Native/JS, CSS, Java, Spring, Azure
- Online Shop & Inventory Management Web App: Java, JSP, CSS, HTML, HTTP Servlet, SQL

**Duties**:

- Web frontend project inception and creation using React.js and more.
- Daily mobile development with React Native.
- Daily API integration and frontend architecture implementation.
- Worked extensively with git (Gitlab) for version control.
- Daily standup attendance, client meetings, internal meetings, and daily project development.
- Contributed to code reviews and learned best practices in software development.
- Java backend development support.
- Time tracking and ticket management using Azure.
- Benefited from regular upskilling and mentorship.

**Outcome**:

- QIT Projects reached production and are still in use today.
- Resigned to take a role focusing on React.js and become a frontend specialist.

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**Education**

- Java Web Programming, Van Zyl & Pritchard: Sept. 2020 - Mar. 2021
- Bachelor's Degree (Commerce), University of Pretoria: Jan. 2012 - Dec. 2016
- Matric Certificate, Marist Brothers College: Dec 2012

**Professional Interests**

- UI programming & API design.
- Browser and mobile technology.
- Professional development.
- Attaining agile maturity.
- Data visualisation with D3.js.
- Flexible hours / Work-life balance.