Jurie Spies

Frontend
SOFTWARE ENGINEER

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🔗 https://juriespies.co.za

PERSONAL DETAILS

Marital Status: Married

Age: 35

TECHNICAL SKILLS

- Frontend Frameworks:
  - React, React Native, Vue.js
- Languages:
  - JavaScript, TypeScript, HTML, HTML5, CSS3
- State Management:
  - Redux, Apollo Client, Jotai
- Styling:
  - Styled Components, SCSS
- API Integration:
  - RESTful APIs, GraphQL
- Testing:
  - Jest, Cypress, Mocha, Playwright, Storybook, Unit Testing, End-to-End Testing
- Build Tools:
  - Vite, Webpack
- Version Control:
  - Git, GitHub, GitLab, Bitbucket
- CI/CD:
  - GitHub Actions, Docker, Kubernetes
- Cloud and Backend:
  - Node.js, AWS, Firebase
- Payment Integration:
  - Stripe, PayPal, PayFast, PayGate
- Systems:
  - macOS, Windows, Ubuntu
- AI and Documentation
- Other Tools:
  - Jira, Slack, ClickUp, Trello, Discord, Postman, VS Code, Adobe XD, Figma, Sketch

ADDITIONAL SKILLS

- Agile methodologies & teamwork
- UI/UX:
  - Implementation
  - Debugging
  - Troubleshooting
  - Problem Solving
  - Responsive Design
  - Performance optimisation
- API security best practices

LANGUAGES

English
Afrikaans

HOBBIES

CrossFit, Gaming, Learning, Reading and Outdoors

DRIVING LICENSE

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Documents and Certifications can be provided on request.

ABOUT ME

I am a passionate and skilled Frontend Software Engineer with a deep love for developing high-performance web and mobile applications. With a strong foundation in React and React Native, I thrive on solving complex challenges and delivering seamless user experiences.

Beyond writing efficient and maintainable code, I enjoy collaborating with cross-functional teams to design and implement innovative solutions. My problem-solving skills, coupled with a keen eye for detail, allow me to develop scalable applications that not only meet business requirements but also enhance user engagement.

I take pride in being proactive, accountable, and adaptable, continuously learning new technologies and best practices to stay ahead in the ever-evolving tech. Whether it's improving performance, integrating APIs, or ensuring robust UI/UX implementations, I am always committed to delivering quality software solutions that make an impact.

WORK EXPERIENCE

Software Engineer
Capitec: August 2024 - Currently

At Capitec, I contributed to cross-functional teams on various internal and client-facing projects throughout the software development lifecycle. I was responsible for designing, developing, testing, deploying, maintaining, and enhancing software systems, translating business and technical requirements into effective solutions.

My focus was on creating user-friendly web and mobile interfaces, improving user experience, and optimizing performance. I also implemented automated testing and CICD practices to improve code quality and deployment efficiency, while troubleshooting and resolving issues to ensure system stability. Throughout my role, I applied modern programming practices, demonstrating increasing autonomy and problem-solving abilities.

Software Engineer
Open Vantage: September 2019 - July 2024

At Open Vantage, I am instrumental in building cutting-edge Web and Mobile Applications using React Native and React. My role extends beyond development to encompass integrating JavaScript solutions and creating SDKs to enhance our software ecosystem. Additionally, I actively manage services for clients, ensuring seamless integration and providing valuable technical expertise. I also play a vital role in optimizing payment gateways for secure and efficient processing, collaborating with merchants and ensuring industry standard compliance.

Projects

① ETTX: Front End
- Frontend Framework: React Javascript
- Build Tool: Vite
- State Management: Jotai
- Styling: Styled Components
- HTTP Client: Axios
- Testing: Storybook and Cypress
- Version Control: Github
- Documentation: JSDoc
- CI/CD:Github
- Code Formatting and Linting:ESLint

② HOWDENS: Front End
- Frontend Framework: React Native Typescript
- State Management: Redux, Redux Saga
- Networking: rn-fetch-blob,
- Testing: Jest,
- Linting and Formatting: ESLint, Prettier
- Build and Package Management: Yarn,

③ PROOF: Front End
- Frontend Framework: React
- Build Tool: Vite.js
- State Management: Apollo Client (for GraphQL)
- Styling: Styled Components
- HTTP Client: Apollo Client (for GraphQL)
- Testing: Jest & Jest with Playwright
- Authentication: React AAD MSAL
- Package Manager: PNPM

④ BALWIN AND GOWATERFALL PROPTECH: Front End
- Frontend Framework: React Native
- Programming Language: JavaScript
- State Management: Redux,
- Code Formatting and Linting: ESLint, Prettier
- Testing: Jest
- Version Control: Git
- Pre-commit Hooks: Husky & lint-staged

Junior Software Developer : Front-End
Verge Technologies: March 2019 - August 2019

Developed mobile applications with React Native, contributing to the entire development lifecycle. Collaborated with cross-functional teams, optimized performance, and ensured seamless platform integration. Gained valuable insights into mobile app architecture and solidified skills in React Native.

Previous Employment
December 2009 - March 2019

Instrumentation Technician

Summary:
During my tenure as an Instrumentation Technician, I specialized in chrome plants, power stations, and coal mines, where I honed my skills in ensuring the reliable operation and maintenance of critical instrumentation and control systems.

I excelled in conducting precise calibration, troubleshooting complex issues, and strictly adhering to safety protocols. My proficiency in PLCs, SCADA systems, and instrumentation technology allowed me to optimize plant efficiency, minimize downtime, and ensure compliance with industry standards across various industrial settings, including chrome processing facilities, power generation plants, and coal mines.

EDUCATION

Software Development
Udemy, Pluralsight and freeCodeCamp

Instrumentation Technician - Red Seal
Majuba FET College - Newcastle Training Centre: 2008 - 2011

Matric
HTS Witbank - 2008