



# TIAAN BROODRYK

Software Developer

## About Me

Enthusiastic and detail-oriented TypeScript React Software Developer with hands-on experience in building scalable web applications using modern technologies. Seeking to leverage my expertise in front-end development and a strong foundation in software engineering to contribute to innovative projects.



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mossel bay , western cape

## Language

- English
- Afrikaans

## Experience

### co Founder & Lead Software Developer

#### Auto Dex

June 2024 – Present

- Developed and maintained web applications using TypeScript, React, and Next.js, contributing to a 20% improvement in load times through optimized coding practices.
- Designed UI/UX solutions, ensuring responsive and user-friendly interfaces.
- Implemented CSS best practices to enhance application aesthetics and functionality.

### Software Developer

#### Vulcan Labs

April 2023 – June 2024

- Assisted in the development of various software projects, focusing on front-end development with TypeScript and React.
- Participated in code reviews and pair programming sessions to improve code quality and team performance.

### Software Intern

#### Netron

January 2023 – April 2023

- Developed prototypes and features based on project requirements, using Next.js for server-side rendering and improved performance.
- Collaborated with senior developers to enhance existing applications and implement new functionalities.
- Acquired hands-on experience with version control systems like Git and agile project management tools.

## Education

### Noordheuwel High School

Matriculation Certificate (Grade 12)  
2020

### Total Typescript Online Training

• Completed Total TypeScript online training courses  
2024

## Projects

- [Autodex.co.za](https://autodex.co.za) (solo)
- [scratchfixpro.co.za](https://scratchfixpro.co.za) (solo)
- [litchihospitality.co.za](https://litchihospitality.co.za)
- [netron.co.za](https://netron.co.za)
- [vulcanrecruit.com](https://vulcanrecruit.com)

## Skills

### **React three fiber**

2 experiences across Auto dex and 1 other company

### **solana integrations**

3 experiences across Auto dex and 2 other companies

### **vercel**

3 experiences across Auto dex and 2 other companies

### **Figma (Software)**

3 experiences across Auto dex and 2 other companies

### **pnpm**

3 experiences across Auto dex and 2 other companies

### **Microsoft Visual Studio Code**

3 experiences across Auto dex and 2 other companies

### **zod**

3 experiences across Auto dex and 2 other companies

### **PostgreSQL**

3 experiences across Auto dex and 2 other companies

### **surreal DB**

2 experiences across Auto dex and 1 other company

### **React**

3 experiences across Auto dex and 2 other companies

### **Next.js**

3 experiences across Auto dex and 2 other companies

### **Typescript**

3 experiences across Auto dex and 2 other companies

## **Software Developer at Vulcan Labs**

Experiences:

- Web Applications
- Web Accessibility
- Responsiveness
- Responsive Web Design
- Communication
- Cascading Style Sheets (CSS)
- Cypress
- Tech Savy
- English
- Time Management
- Teamwork

## **Software Developer Internship at netron**

Experiences:

- JavaScript (JSX)
- GraphQL
- ESLint
- Rust (Programming Language)
- HTML
- Node.js
- Yew

## **Auto dex**

Experiences:

- Customer Relationship Management (CRM)
- Negotiation
- Customer Experience

Skills and Technologies

- **TypeScript**
- **React**
- **Next.js**