

Luca Liebenberg

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ABOUT ME

I am a disciplined and lifelong learning individual, who is a self taught developer with strong interests in Software Development, UX, Problem Solving and Entrepreneurship. I work as a Frontend Developer for an IoT company, where I am involved with languages such as Python (Django), NextJS, ReactJS, JavaScript and TypeScript - whilst currently learning various things in my freetime, such as tree and graph DSA to better understand algorithmic performance & soft skills for software developer success - aiming to increase my knowledge on a daily basis and grow not only as a developer but as an individual.

If I am not learning new things - data structures, algorithms or building things - you will find me in the gym, outdoors on a peaceful walk, listening to podcasts, going to meetups, playing the saxophone, spending time with my loved ones or just enjoying my personal journey.

TECHNICAL SKILLS

Frontend: HTML, CSS, Tailwind, Responsive Design, JavaScript, TypeScript, ReactJS, NextJS, GraphQL, Storybook, JavaScript Design Patterns

Backend: Python, Django, NodeJS, ExpressJS, REST API, GraphQL

Blockchain: Ethers.js, Hardhat, Foundry, Solidity

CI/CD: Git, Github, BitBucket

Mobile: React Native

Databases: MongoDB, PostgreSQL

Testing: Mocha, Cypress, DRF Testing, Postman

EXPERIENCE

SKILLS

Self starter

Curious learner

Effective communicator

Team player

Hardworker

AWARDS

Celo Blockchain hackathon

My team, AlphaOdds, and I came 3rd in the web hackathon, building a liquidity staking pool, with smart contract deployment on the Celo network

Nature ReFi hackathon

My teammate, role: BusOps, and I, role: Product Dev, came 2nd in Igniting the Nature Backed Economy hackathon, additionally winning the indexed bug bounty

LANGUAGES

English

Afrikaans

Code Capsules, Cape Town (ZA) — Frontend Dev Intern

SEP 2022 - OCT 2022

(whilst studying)

> Developed and structured a web application SPA where the company would be to see their working services status once connected to their API endpoint.

> Received code reviews from the CEO and Lead Frontend Developer, iterating over the project based on feedback and code reviews.

Polymorph Systems, Stellenbosch (ZA) — UX Intern

DEC 2022 - FEB 2023

(whilst studying)

> Designed an internal dashboard for employees to view the status and details of ongoing and past projects, helping employees' universal project knowledge.

> Conducted internal user research throughout the company through interviews and surveys to refine the user experience and product design solutions.

> Helped the software engineers increase their MVP process by building out wireframes in Angular, helping increase the MVP development and deployment process by a week.

The Web3 Ninja, Remote — Frontend Dev (intern)

MAR 2023 - JUN 2023

(whilst studying)

> Converting Figma designs to ReactJS TypeScript components, ensuring responsive design, with a modular approach.

> Test UI components using Storybook, ensuring cross browser compatibility and responsive design

> Worked on 2 SaaS products, a web3 token staking platform and an online real estate platform, shipping React/TypeScript components and fully responsive multi page web app.

> Enhanced user experience through actively participating in code & product reviews following an agile process

> Worked collaboratively with another frontend developer, assisting them with technical impediments and pull request reviews

Trinity IoT, Cape Town (ZA) — Junior Frontend Developer

JUL 2023 - PRESENT

> Maintain and build new frontend features, implementing component driven design for modularity and consistency.

- > Maintain and build new backend features, conducting tests through system management commands to validate and verify program outputs.
- > Refactor and migrate existing React JavaScript components to TypeScript, improving code quality and type system.
- > Build and test Django APIs, documenting the API, taking authentication and authorisation into account.
- > Implement end to end UI integration testing with Cypress testing tool, increasing test code coverage for the entire to +80%.
- > Implement Django built GraphQL APIs, consumed on the frontend, implementing efficient mutations and queries.
- > Develop APIs for interface services, implementing unit and integration tests to a code coverage of +75% using DRF Testing Library.
- > Design and implement product features against 3rd party API documentation, taking end-to-end ownership of features to production
- > Write documentation for our internal development UI JavaScript framework for shared internal developer knowledge

EDUCATION

CTCA, V&A Waterfront — BA Interaction Design, Frontend Dev

JAN 2021 - JAN 2024

Interaction/Product Design, Frontend Development, User Experience Design, Business Studies, Contextual Studies, Design Thinking

Bishops, Cape Town — NSC

JAN 2015 - NOV 2019

- > Activities: 1st XV rugby, WP Rugby, Jazz Band, Wind band, Sax Quartet ABRSM Grade 8 alto sax, ABRSM Grade 5 theory
- > Leadership: Head of Discipline for school and boarding house, 1st XV rugby captain
- > Awards: Full colors for rugby and music
- > Academics: 78% final average

HOBBIES

Saxophone, hiking, podcasts, hackathons, gym, learning business, meetups, health & wellness, open source, coding, data structures & algorithms