

Tshepo Mpogeng

Full Stack and Mobile App Developer

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Education

University of Pretoria

Relevant Courses: Information Science, Imperative programming, Visual design

Jan 2020 – Dec 2022

Pretoria, South Africa

Pretoria Princess Park College High school

Jan 2017 – Dec 2018

Pretoria, South Africa

Professional Experience

Mlab - Codetribes Academy

Web & Mobile App Developer Trainee

Jul 2024 – present

Pretoria, South Africa

- Develop web and mobile applications that adhere to specifications and designs.

Freelance Transcriber/Editor

Transcribe recorded audio. Subtitle videos and create quality error-free documents.

Jun 2020 – May 2023

Projects

RANT (Social Media App) 🔗

PostgreSQL, Node.js, Express.js, React.js, Socket.io

- Developed a Twitter clone, using the PERN stack, as part of TheOdinProject's curriculum.
- Made a few improvements/changes to Twitter's original UI, implementing the design with React, Vanilla CSS and media queries.
- Created a RESTful API with PostgreSQL and a Node Express server secured with JWT authentication. Integrated WebSockets for real time updates.

Hide-and-Seek Game (Android) 🔗

React Native, Node.js, Express.js, MongoDB, Socket.io

- Developed a mobile app to simulate the classic hide-and-seek game, using WebSockets for realtime player position updates and MongoDB for storing game data.
- Utilized the NPM nanoid package to generate short concise game invite codes.

Technical Skills

Languages: JavaScript, TypeScript, HTML, CSS, SQL

Frameworks and Libraries: React.js, React Native, Redux, Node.js, Express.js

Database: MongoDB, PostgreSQL

Technologies: Git/Github, Firebase, Prisma ORM, Postman, Vercel