

Derek Reid-Wilkinson

Full-Stack Software Engineer

reidwids@gmail.com | (+1) 647-338-1063 | Toronto | reidwids.net | github.com/Reidwids

PROFILE

I am a full stack software developer looking for an opportunity to apply my strong work ethic and critical thinking skills to a compelling project. My assets lie in my full-stack experience paired with soft skills such as creative problem solving, attention to detail, leadership, quick-learning, and an independent self starting attitude.

PROFESSIONAL EXPERIENCE

Full-Stack Software Engineer

Apr 2022 – Present | Toronto, Canada

Proteus Development 

- Full stack developer for a SaaS company, contributing to both web and mobile apps using multiple stacks across many industries
- Liaised directly with clients to define project scope as the lead engineer
- Designed and implemented infrastructure plans, workflows, and deployments to meet client specifications - while adhering to strict deadlines for numerous projects
- Constantly adapted to new technologies with every new project
- Optimized our internal workflow by implementing multipart docker builds and CI/CD pipelines, improving developer efficiency metrics and deployment times

PROJECTS

Dayhoff

Docker, AWS (S3, EC2, ECS), Python, Linux, PostgreSQL, React, Nest.Js

- Designed and implemented a multi-platform genomic sequencing application including multiple react front end apps, Nest.js backend apps, and microservices
- Challenged industry standards and optimized our product to be over 90% faster than leading competitors
- Designed, deployed, and managed all AWS infrastructure including deploy dockerized microservices with ECS, Linux servers on EC2, and databases.

Altbase

Typescript, React & React Native, SASS, Nest.js, MySQL, Solidity, Web3

- Worked with clients to create a full-stack market research crypto app for mobile + web
- Built send and swap functionality with ethers and web3, prioritizing security for users
- Wrote a smart contract for tiered staking system in Solidity and tested on the Ropsten testnet
- Participated in UI/UX design, creating webpage design and layouts as well as creating custom SVGs and graphics with Adobe Illustrator

BetBooth

React, Nest.Js, Geo Location, Websockets, TypeScript

- Sports betting kiosk and webapp
- Implemented a live datafeed using external APIs for instant betting line updates via WebSockets
- Implemented geolocation for users to adhere to local gambling regulations
- Optimized front end structure by using React best-practices, including custom hooks and contexts

College Recruiter

AWS (SQS, Lambda, EventBridge), Serverless, Ubuntu, Docker

- Created a geoparsing service for geolocating millions of jobs from XML files for large companies such as Amazon, UPS, etc.
- Led the project, conducting client facing meetings and infrastructure planning sessions

EDUCATION

Full-Stack Software Engineering Bootcamp

Jan 2022

General Assembly

Nuclear Engineering and Applied Physics

2013 – 2016

McMaster University (Incomplete)