

# CAMERON ADAMS | [camthehuman.com](https://camthehuman.com)

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## ABOUT ME

I hold a B.Sc. in Mathematics and Computer Science and an Honours in Computer Science from the University of Cape Town (UCT). With just over three years of experience as a full-stack Java developer at SOLIDitech, I contributed to the development of scalable web applications. Currently, I am independently creating applications and freelancing, utilizing NextJS and TailwindCSS to deliver modern web solutions

## SKILLS & ABILITIES

Programming Languages: Java, JavaScript/TypeScript, Python  
Web Technologies: Node.js, React, NextJS, React Native, React Query, TailwindCSS  
Databases: MySQL, PostgreSQL, (Hibernate, Prisma and Drizzle ORM)  
Cloud & DevOps: AWS, Vercel, Linux, Git, TeamCity  
Programming Concepts: Data Structures, Algorithms, Object-Oriented Programming  
Personal Attributes: Self-motivated, adaptable to new technologies and challenges

## EXPERIENCE

**CamTheHuman.com, Cape Town**— *Senior Typescript Software Engineer* (June 2024 - now)

- Built an Airbnb listings notifier with NextJS, React, Node.js, AWS, Vercel and PostgreSQL. [camthehuman.com/bnbnotifier](https://camthehuman.com/bnbnotifier).
- Built an MVP for a Crypto Wallet Analyser using various Web3 APIs

**SOLIDitech (Pty) Ltd, Cape Town** — *Intermediate Java Software Engineer* (April 2021 - June 2024)

- Developed a reseller system for MWEB, a major client with millions of internet customers. My main achievement involved incorporating specific billing discount logic into complex legacy billing code.
- Migrated a long standing client at SOLIDitech to a newer billing system.
- Developed a stock delivery project using third-party stock APIs to verify and set aside stock and to coordinate contractors for installing stock at customers' homes.
- Trained and onboarded a new starter where I regularly assisted with explaining code and doing code reviews.

**Sunrise Productions, Cape Town** — *Junior IT Support Engineer Internship* (Nov 2019 - Jan 2020)

- Helped set up Sunrise Studios' new animation studio which involved installing network equipment such as a large file server and network switches.
- Managed their Linux intranet of computers dedicated to rendering animations.

**Micro Brewing SA, Cape Town**— *Embedded Systems Developer* (June 2018 - July 2018)

- Collaborated with an engineer and a brewmaster to create an Arduino Script for automating a can filler and seamer.

## EDUCATION

**University of Cape Town** — *B.Sc Computer Science and Mathematics* (Jan 2016 - Dec 2018)

**University of Cape Town** — *B.Sc (Hons) Computer Science* (Jan 2020 - Dec 2020)

## PROJECTS

**Pathfinding Visualization** — [camthehuman.com/pathfinding](https://camthehuman.com/pathfinding) (Completed Feb 2021)

A visualization of Dijkstra's algorithm, a shortest path algorithm, using a Javascript library p5.js.  
Leveled up in: Algorithms, data structures, HTML, JavaScript, CSS.

**Spotify API** — [camthehuman.com/spotify](https://camthehuman.com/spotify) (Completed March 2024)

Most of the Artists in my "Liked Songs" playlist I didn't follow, on Spotify or Instagram. Since it took like 4 clicks to follow an artists, I wanted a faster way to follow all/most the artists in my "Liked Songs" playlist  
Leveled up in: Javascript concepts (Promise.all), NextJS, REST API development, Authentication

**BNBNotifier** — [camthehuman.com/bnbnotifier](https://camthehuman.com/bnbnotifier) (Completed August 2024)

I made a product that could benefit my life- I used Airbnb a lot to find accommodation so I wanted a service that could notify of new listings in an area I was searching for.  
Leveled up in: AWS, Authentication, CRON jobs, Vercel, Web Scraping