

Nicolette Mashaba

107JHlosi Street, Madiba park

GitHub: @NickiMash17 / @Reney17 |

nene171408@gmail.com

[in https://www.linkedin.com/in/nicolette-mashaba-b094a5221/](https://www.linkedin.com/in/nicolette-mashaba-b094a5221/)

Summary

A motivated and goal-driven Full stack Developer with proven experience in designing and implementing scalable web apps using react.js, node.js and . NET. Demonstrated ability to contribute to AI model training, leveraging strong analytical and problem-solving skills to optimize code and deliver impactful software solutions. I am also passionate about continuous learning and staying at the forefront of emerging technologies.

Experience

- **AI Model Trainer** Oct 2024 - Dec 2024
Outlier
 - I played a key role in creating and improving the instructions (prompts) for AI to generate code, using Python, JavaScript, and C#. This made the AI's code more Accurate
 - I also Checked and fixed the code that the AI produced, making sure it was well-written and efficient
 - I helped design the ways and the data that we used to teach the AI how to write code, find errors, and solve problems
- **South African Navy** January 2012 - June 2021
Junior Navigation Officer
 - I was in charge of Navigation and communication systems. This required me to be very careful and solve problems quickly, which are useful skills in software development.
 - I Learned how to plan ahead, making quick decisions, and manage risks, all of which are important in any Job
 - I worked closely with a team to ensure everything went smoothly. This helped develop strong communication and teamwork skills, which are essential in software development

Skills & Proficiencies

- Programming languages : JavaScript, Python, Typescript, C#, C, SQL
- Front-End Development: React.js, HTML5, CSS3, Tailwind CSS, Bootstrap, jQuery.
- Back- end Development: Node.js, Express.js, NET, Prisma ORM
- Databases: MongoDB, SQL
- Cloud and DevOps: Microsoft Azure, Azure DevOps, Git
- Tools: Vite, Google Maps API, Email APIs, Ajax
- Software Development Skills: Full-stack Development, Debugging, Code Optimization
- AI/ML skills: Prompt Engineering, Algorithm Design, Data Set Creation
- Personal skills: Problem solving, communication, teamwork, attention to detail, Adaptability.

Projects

- **RealHome Estate Website**
 - A website where it users can list, search for, and view properties. It includes maps and

secure login features.

- My Role: I was in charge of building the login system, the property listing part and adding the maps
- Technologies Used: React.js, Node.js, Express.js, MongoDB, Prisma ORM, Google Maps API, Tailwind CSS
- GitHub: github.com/Reney17/realhome-estate
- **Retirement Savings Calculator**
 - A tool that helps people calculate how much money they'll have when they retire, based on what they save
 - My Role: I designed and built the calculator itself and the way it looks on the screen.
 - Technologies Used: React.js, JavaScript, Tailwind CSS
 - GitHub: github.com/NickiMash17/retirement-savings-calculator
- **CTU Buddy**
 - A system to help students at CTU keep track of their classes, assignments, and deadlines.
 - My Role: I built the user- interface and the assignment tracking features
 - Technologies Used: React.js, Firebase, Bootstrap
 - GitHub: github.com/Reney17/ctu-buddy
- **World Clock App**
 - A website that shows the time in different cities and can convert time zones
 - My Role: i added the features that get thr clock information and do the time zone conversions.
 - Technologies Used: JavaScript, React.js, APIs, Tailwind CSS
 - GitHub: github.com/NickiMash17/world-clock-app

Achievements & Awards

- Top Achiever Award -IT Programming Foundation 2023

Certificates

- Techbridle Foundation Software Development Bootcamp
- Microsoft Azure Data Fundamentals
- Microsoft Azure DevOps
- SheCodes Basics, Plus, and Web Responsive

Education

- **Millennium College** Jan 2006 - Dec 2010
Entrance To Bachelor's
Grade 12
- **CTU Training Solutions,** July 2023 - June 2024
IT Programming Foundation
NQF level 4
- **CTU Training Solutions** July 2024 - Present
Occupational Certificate: Software Engineering
NQF Level 6

Languages

- English
- Sepedi
- Xhosa

Reference

- **Mr Ashelly Mangena - CTU Training Solutions**
Software Engineering Facilitator
ashelly.mangena@ctutrainig.co.za
0785506354
- **Mrs Lindy Heyns - Techbridle Foundation**
Professional advisor and Software Delivery Manager
lindy@techbridlefoundation.org
0824958974
- **Admiral Khwaedi Mabula - Director South African Navy**
Former commanding officer (2015-2021)
khwaediimabula@gmail.com
0798672216