

Kabelo Hlako

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Professional Summary

Microsoft Certified Azure Developer Associate with practical experience building and deploying full-stack web applications and REST APIs. Skilled in React, TypeScript, Node.js, and databases, with experience in automated testing and GitHub Actions. Completed all but one module toward a BSc in Information Technology in Computer Science and Informatics; studies are currently paused. Seeking junior software development or cloud opportunities.

Technical Skills

IT & Systems	Windows, computer hardware and software fundamentals, networking concepts
Cloud	Microsoft Azure, Azure Functions, Azure Storage, Azure App Service, Azure Key Vault, Managed Identities
Programming	JavaScript, TypeScript, Java, C#, C++, Python, SQL
Frontend	React.js, HTML, CSS, Tailwind CSS, TanStack Query, Zustand
Backend	Node.js, Express.js, REST APIs, JWT Authentication
Databases	PostgreSQL, MySQL, Microsoft SQL Server, T-SQL, Supabase, MongoDB
ORM / ODM	Prisma, Mongoose
Testing & CI	Vitest, React Testing Library, GitHub Actions, ESLint
Tools	Git, GitHub, VS Code, Eclipse, npm

Certifications

Microsoft Certified: Azure Developer Associate (AZ-204) Microsoft Credential Verification	<i>Earned Jul 2026 – Expires Jul 2027</i>
Microsoft Certified: Azure Fundamentals (AZ-900) Microsoft Credential Verification	<i>Earned Jun 2026</i>
SQL / Business Analysis Training	<i>Signature Academy – Aug 2025</i>

Projects

Chatterra — Reddit-like Platform - Built a social platform using React, TypeScript, Tailwind CSS, and Supabase with PostgreSQL. - Implemented authentication, communities, posts, threaded comments, voting, search, and user profiles. - Enforced database access rules using Supabase Row Level Security and implemented application logic through database functions. - Implemented comment deletion that preserves the discussion structure when a comment has replies. - Configured GitHub Actions to run ESLint and verify production builds for changes to main.	<i>2026</i>
Trimzo — Full-Stack URL Shortener - Built a URL shortener using React, TypeScript, Express, and MongoDB, with user accounts, custom aliases, redirects, and QR code sharing. - Implemented JWT authentication using secure HTTP-only cookies and bcryptjs password hashing. - Modelled application data with Mongoose and validated custom aliases. - Added structured request logging with Pino and pino-http, with log severity based on response status and errors.	<i>Feb 2026 – Mar 2026</i>
Movie List API - Built a REST API using Node.js, Express, PostgreSQL, and Prisma, with search and filtering. - Implemented JWT authentication, bcryptjs password hashing, and Zod request validation.	<i>Jan 2026</i>
Vitest Practice — Component Testing - Practised React component testing with Vitest and React Testing Library, covering user interactions, mocked API responses, and edge cases. - Configured GitHub Actions to run ESLint, automated tests, and production build checks for changes to main.	<i>2026</i>
JobScout — Job Search Utility Built a React and TypeScript tool that generates job-search URLs for Indeed South Africa, LinkedIn, PNet, and Careers24.	<i>2026</i>

- Supported optional location filters and saved search settings using localStorage.

Experience

Computer Science Student Assistant

University of Johannesburg

2023 – 2024 (two contracts)

- Assessed weekly programming practicals and assignments and provided detailed written feedback to students.
- Mentored students through one-on-one and group sessions, explaining technical concepts clearly.
- Helped students identify and debug programming problems across multiple modules.
- Invigilated and graded semester tests.
- Worked with academic staff to resolve student and assessment-related queries.

Education

BSc in Information Technology in Computer Science and Informatics

University of Johannesburg

2019 – 2024 (studies paused)

- One module remaining; studies currently paused
- 375 cumulative NQF credits completed; degree not yet awarded
- Relevant coursework: data structures, algorithms, databases, operating systems, software development, networking, and cybersecurity concepts

National Senior Certificate

Villa Liza Secondary School – Mathematics 76%

2018

Additional Information

Languages: English, Northern Sotho, Zulu, Tswana

Availability: Immediately available