# KEA NHLAPO

Software Developer | Java, Python, Node.js, Cloud
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## PROFILE

Software developer with a strong problem-solving mindset and a real interest in how good software gets built. I work well in a team, take ownership of what I'm responsible for, and people who have worked with me know they can rely on me to follow through.

## EXPERIENCE

**Backend Developer (Team Lead), Gimsoi (Pty) Ltd** Dec 2025 - Jul 2026
*Cape Town (remote) | Node.js, PostgreSQL, Docker, GitHub Actions*

- Held a leadership role on the backend team, guiding technical decisions and the team's day-to-day development work on a production business application.

**Systems Development, Dynamic DNA** Aug 2025 - Jul 2026
*Johannesburg, Gauteng*

- Trained in C# and object-oriented programming, working through the full software development lifecycle from requirements to testing and release.
- Trained in AI-assisted development and prompt engineering.
- Studied networking fundamentals, Azure services and Git-based version control.

## COMPETITIONS

- **1st place (team)**, Dynatrace AWS GameDay, Johannesburg, 2026
- **Winner, three times**, Youth Tech Expo G13 Hackathon, most recently 2026
- **4th place**, Entelect Hackathon
- **4th place**, Zindi Data Challenge, Johannesburg, 2026

## TECHNICAL SKILLS

**Languages:** Java, Python, JavaScript, TypeScript, SQL, C#, C++
**Backend:** Spring Boot, FastAPI, Node.js, Express, REST API design, Prisma, PostgreSQL
**Cloud and DevOps:** AWS, Microsoft Azure, Docker, Docker Compose, GitHub Actions, CI/CD, Zoho Catalyst, Linux, Git
**Security:** JWT authentication, role-based access control, CSRF protection, rate limiting, input validation
**Other:** Networking fundamentals, AI-assisted development and prompt engineering, API testing with Postman

## EDUCATION AND CERTIFICATIONS

**BSc Computing, University of South Africa (UNISA)** 2023 - expected 2027

- Coursework includes computer organisation, assembly language programming, C++, data structures and algorithms, and databases.

**Microsoft Certified: Azure Fundamentals (AZ-900)**