

# Kyle Kensley Naicker

Backend & AI Engineer · Node.js, C#/.NET, PostgreSQL

Cape Town, South Africa

mrkenzilla@gmail.com

084 311 1886

linkedin.com/in/kensley-naicker-bba70757

github.com/Kensleyz · kenz-dev.pages.dev

Backend engineer and AI Ambassador with 15+ years in technology who ships AI products to production with Claude, and reviews every AI-generated line before it goes live. Living out the Iron Man dream one build at a time (yes, his assistant is called JARVIS). Drummer and weekend mechanic when the laptop closes.

## EXPERIENCE

### Mid-level C#/.NET Developer · Euromonitor International

2022 – Present

Joined as UI/UX Engineer, moved into development as a Junior .NET Developer, promoted to Mid-level in December 2024

- Ships backend features end to end on a global analytics platform: Clean Architecture C#/.NET REST APIs on Azure with SQL Server, PostgreSQL and Redis caching, plus React and Next.js front ends, monitored in production with health checks.
- Works in remote, distributed teams and alongside product, design and QA to scope features and turn requirements into solutions.
- Raised unit test coverage above 80% and contributed to measurable cloud cost reductions.
- AI Ambassador: leads the team's adoption of AI coding tools such as Claude and GitHub Copilot, and of AI automation, with critical review of all AI-generated code.

### Full Stack Developer · Duroplastic Technology

2019 – 2022

- Owned the company's web-based ERP system and built internal tooling.
- Maintained the company websites and internal application deployments.

### Software Developer · STK Advisory Connect

2018 – 2019

- Built a platform that automated wealth and estate documents for insurance companies, iterating quickly to meet financial industry standards.

### IT Technician · Bytes Technology

2017

- Delivered technology solutions for clients of a multinational IT services company.

### Junior Developer · Rone Webtech

2015 – 2016

- Developed and administered a large HTML5 and ColdFusion ERP application used by five enterprise retail clients.

### Junior Developer · Ignition Group

2008 – 2015

- Implemented platforms that captured previously unreachable customer data, supporting data-driven decisions across business divisions.

## AI PRODUCTS AND PROJECTS

### Mr Bear · AI agent in production with two clients

Designed, built and shipped a natural-language-to-SQL AI agent on Claude that lets business owners query their own data in plain English, for financial reporting and stock tracking. Security first: a hand-written, SELECT-only PHP "SQL Gate" means the AI can read but never change data, and a semantic layer of verified SQL recipes keeps answers correct.

### JARVIS · personal AI agent

Node.js agent on the Telegram Bot API with Claude, automating his daily workflow: a morning briefing from Jira, calendar and AI news. QuickBooks Online (OAuth) integration for plain-English bookkeeping in progress.

Cutlist Optimizer · pet project

Free in-browser tool that packs parts onto stock sheets to minimise material waste.  
kensleyz.github.io/cutlist-optimizer

AI portfolio · kenz-dev.pages.dev

Built with Claude and shipped end to end: a TypeScript API that streams Claude answers grounded only in his profile, with bot protection, per-visitor and site-wide rate limits to cap AI spend, and a SQL question log for monitoring.

SKILLS

|          |                                                                                                                            |
|----------|----------------------------------------------------------------------------------------------------------------------------|
| AI       | Claude (Anthropic API), AI agents, prompt engineering, NL-to-SQL, AI code review, GitHub Copilot, n8n automation           |
| Backend  | Node.js, TypeScript, C#, .NET, REST APIs, Clean Architecture, PHP (CodeIgniter), Python (scripting)                        |
| Data     | PostgreSQL, SQL Server, MySQL, SQL, Redis (caching)                                                                        |
| Frontend | React, Next.js, JavaScript, HTML/CSS, UI/UX                                                                                |
| Cloud    | Azure, Azure Functions, Azure DevOps, Cloudflare, Netlify, Linux                                                           |
| Delivery | Unit testing, code review, CI/CD, health checks, Bitbucket Pipelines, SonarCloud, secure coding, Git, remote collaboration |

CERTIFICATIONS AND EDUCATION

|                                            |      |
|--------------------------------------------|------|
| Microsoft Azure Fundamentals (AZ-900)      | 2024 |
| MIT 6.006 Introduction to Algorithms (OCW) | 2019 |
| Data Structures, mycodeschool              | 2019 |
| PHP Development, Get Certified             | 2014 |
| MS SQL Server 2008, Bytes Technology       | 2011 |
| High School Diploma, Kingsway High School  | 2007 |