

KEVIN COMBA GATIMU

Kutus, Kenya | +254715364294 | [Portfolio](#)

kevin.comba.gatimu@outlook.com | [linkedin.com/in/kevin-comba-gatimu](https://www.linkedin.com/in/kevin-comba-gatimu) | github.com/kelcho-spense

EDUCATION

- Bachelor of Science in Computer Science: Kirinyaga University (Sep 2018 - March 2023) – 2nd Class Honors (Upper)
- [Software Engineering](#): Holberton School (May 2022 – May 2023) – Frontend Specialization
- Diploma in Computer Engineering: Bridge College

SKILLS

- **Languages:** Typescript, JavaScript, C#, Python, Shell/Bash
- **Frameworks / Libraries:** Nest.js, React.js, Next.js, Hono.js, Express.js, Node.js, Bun, Drizzle ORM, Prisma ORM, Mongoose, Shadcn Ui, Appwrite, Firebase
- **Tooling:** Git/GitHub, Azure DevOps, Docker, Kubernetes, K6 Grafana
- **Database:** MongoDB, Azure Cosmos DB, MSSQL, MySQL, Postgres, Neon

PERSONAL PROJECTS / OPEN-SOURCE CONTRIBUTIONS

Build a RAG-Enhanced Copilot App (Official Azure Cosmos DB Sample)

July 2024 - present

- Developed a RAG-Enhanced AI Application: Successfully integrated Retrieval-Augmented Generation techniques to improve the accuracy and relevance of AI responses within the Copilot App
- Utilized **Express.js** and **React.js** to create a full-stack application interface. Leveraged **Azure Cosmos DB** with vector search capabilities for efficient data management.
- Incorporated **Azure OpenAI Service** and **Semantic Kernel** to enable advanced AI functionalities. [GitHub Link](#)

Care Pulse (Hobbie Project)

May 2024 - July 2024

Developed a comprehensive healthcare platform to streamline patient registration, appointment scheduling, and medical records management. The platform includes user-friendly onboarding, appointment scheduling, admin dashboard, success tracking and SMS notification. This project emphasizes security, ease of use, and efficiency, catering to both patients and healthcare providers.

[GitHub Project link](#) [Live Project](#)

World Academia API (Hobbie Project)

August 2023- November 2023

Developed this API to provide easy and efficient access to university-related data for educational institutions, researchers, students, and anyone interested in information about universities worldwide. Currently, I am creating a Microsoft PnP Connector which will enable this API to be consumed in Microsoft Low-Code No-Code environments i.e. Power platform & Power automate.

[Certification link](#) [Live Project](#)

GitHub Finder (Hobbie Project)

February 2023- May 2023

- **Developed a React-based web application** allowing users to search and view GitHub profiles by username, displaying key data such as bio, avatar, and repositories.
- **Integrated GitHub API** to fetch and display user-specific information, including public repositories, followers, following, gists, and the number of stars on repositories.
- **Designed an intuitive UI/UX** for quick and easy access to GitHub user stats, showcasing achievements and popularity with responsive design principles. [GitHub Project link](#), [Live Project](#)

Products API with Vector Search (Hobbie Project)

implemented vector similarity search in an e-commerce API using Azure Cosmos DB and TypeScript. This technique transforms data into high-dimensional vectors to provide more accurate, context-aware search results, improving product search, recommendations, and categorization by understanding the semantic meaning behind product details. For more details, you can read the full article [here](#). [GitHub Project link](#)

EXPERIENCE

Software Developer Trainer - Teach2Give, Nyeri, Kenya

May 2023 – Present

- I have trained over 200 university students on cohorts spanning over 3 months on Web development (Express.js, Node.js, TypeScript, React.js and Nest.js), Cloud Computing (Az-900 and DP-900) and DevOps(Azure Dev, Azure Container Instance & Azure Container Registry, Docker and Kubernetes)
- Conducted over 500 recruitment interviews to recruit trainees in our cohorts by assessing soft skills and technical knowledge.
- I have developed well-documented curriculums to educate my trainees on this technologies [React](#), [Node](#), [Express](#), [Docker](#), [Kubernetes](#).
- Collaborated with our marketing team to share cohort recruitment posters. This has improved the number of accepted candidates from 15 to 40 per cohort.

Founder - Kenya Data Platform User Group

October 2023 – Present

- Established a community for enthusiasts in data and AI technologies. [LinkedIn Profile](#), [Meetup group](#).
- Organized community sessions to educate members on best practices in API integrations, cloud databases, and SaaS products.

Technical Educator developer - Microsoft Tech Community

February 2023 – Present

- Created 24 detailed blog walkthroughs and technical guides for Microsoft products, focusing on API usage, cloud technologies, and troubleshooting in a SaaS environment, currently an [Iron Contributor](#).
- Notable Achievements: Highest Viewed Blog: [21.1K](#) views and Lowest Viewed Blog: [2.1K](#) views
- Some Key Topics Covered: [Enhancing E-Commerce Product Search with Vector Similarity in Azure Cosmos DB](#), [Why Should Business Adopt RAG and migrate from LLMs](#), [Optimizing Retrieval for RAG Apps: Vector Search and Hybrid Techniques](#), [Getting started with Azure Cosmos Database](#), [Local Development using Azure Cosmos DB Emulator at no Cost](#), [Extracting data from unstructured forms using Azure AI Document Intelligence](#), [Exploring the Capabilities of Azure Cosmos DB for MongoDB using Open MongoDB shell](#).

LEADERSHIP AND COMMUNITY INVOLVEMENT

Microsoft Most Valuable Professional – Web development & Azure Cosmos DB ([Profile Link](#))

May 2024 – Present

- **Recognition and Expertise:** Honored for deep expertise in web development and Azure Cosmos DB.
- **Community Contribution:** Actively shared knowledge through blogs, webinars, and workshops, enhancing community understanding of Azure technologies.
- **Leadership and Innovation:** Led discussions and drove innovation in technology forums and events, fostering a collaborative environment.

Gold Microsoft Learn Student Ambassador ([Profile Link](#))

June 2022 – October 2024

- **Global Azure Admin Team Member:** Organized Global Azure 2024, coordinating over 500 speakers and 600 online sessions. Collaborated with top community leaders to educate the Azure community effectively.
- **Judge, Imagine Cup Junior Competitions:** Evaluated and inspired innovative projects from junior students in 2023-2024. Provided constructive feedback to enhance project quality and creativity.
- **Team Leader, Imagine Cup Competition:** Led a team of four in an 8-month project to develop the Udhambi web app, a scholarship solution. Achieved 1st Runner-up in the Imagine Cup Competition 2023 EMEA World Finals.
- **Global Event Collaborator and Promoter:** Created a promotional [sizzle video](#) for the .NET Student Watch Party 2023, featured on the .NET YouTube page.
- **Certified MLSA Trainer:** Led a study group of ten students preparing for AZ-900 and AI-900 certifications. Successfully trained all [group members](#), resulting in their passing of the certifications.

Certification Licenses / Badges

- [Azure Developer Associate](#)
- [Azure AI Engineer Associate](#)
- [Azure Data Scientist Associate](#)
- [ALX Software Engineering](#)
- [Ambassadors Projects Team Lead](#)
- [Azure Fundamentals](#)
- [Azure AI Fundamentals](#)
- [Azure Data Fundamentals](#)
- [Azure Db for MySQL – Gold Contributor](#)
- [M365 PnP Independent Publisher](#)
- [Gold MLSA](#)
- [MLSA Mentor](#)
- [MLSA Trainer](#)
- [Imagine Cup: EMEA World Finals](#)
- [Team Lead MLSA Projects](#)