KEVIN COMBA GATIMU

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EDUCATION

- BS Computer Science: Kirinyaga University
  (Sep 2018 - March 2023) – 2nd Class Honors(Upper)
- ALX Software Engineering Programme
  (May 2022 – May 2023) – Frontend Specialization
- Diploma in Computer Engineering: Bridge College

SKILLS

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

PERSONAL PROJECTS / OPEN-SOURCE CONTRIBUTIONS

Build a RAG Based Copilot App (Official Sample On Microsoft Azure Cosmos DB Repo)   **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

World Academia – Lead Developer   **August 2023- present**
Used Node.js, Express.js, Azure Cosmos DB, Typescript and Open API 2.0 to develop a web API whose purpose is to provide university-related data for educational institutions, and anyone interested in information about universities worldwide. I created M365 Verified connector for this API which is currently being tested for certification and will be used by citizen developers in MS Power Platform & Power Automate. Live Project link, Microsoft PnP Certification link and GitHub Project link.

FastCopy – Hobbie Project   **August 2023- present**
I used Typescript, Node.js to create FastCopy a high-performance, multi-threaded file copying utility. It's designed to efficiently copy large directories while providing real-time progress feedback. GitHub Project link

GitHub Finder – Lead Developer   **April 2023 - May 2023**
Being my ALX SWE program, I used React.js, Daisy UI and GitHub API to create a utility web app that assists developers in exploring GitHub profiles and repositories more efficiently, locating prospective collaborators, and keeping track of projects of interest. Link to project & GitHub Link

EXPERIENCE

Software Developer - Teach2Give, Nyeri, Kenya   **May 2023 – Present**
- Predictive Talent Assessment Platform:
  - Joined an Agile team to develop a predictive talent assessment platform using Node.js, TypeScript and React.js.
  - Designed and implemented front-end components with React.js and back-end services with Node.js and TypeScript.
  - Application Design and Deployment: Managed the full lifecycle of application design, including coding, prototyping, system testing, integration, and deployment using Azure DevOps Azure Static Web Apps, Azure App Services, Azure Cosmos DB, Azure Monitor and Azure Application Insights.
  - Collaboration with R&D Teams: Worked closely with client's R&D and innovation teams to develop and create Proof of Concepts.

Founder - Kenya Data Platform User Group   **October 2023 – Present**
- Established a community for enthusiasts in data and AI technologies which is part of the official Microsoft Azure Data Tech Groups (A group of 135 tech communities in the world). Our meetup page link here and Linked page here.
- Focus Areas: Full-Stack Development, Azure AI, Azure Cosmos DB for Mongo DB & PostgreSQL, SQL Server/Azure SQL, Azure Database for PostgreSQL, Azure Database for MySQL, Azure DevOps, etc.

Technical Educator developer - Microsoft Tech Community   **February 2023 – Present**
- Create detailed walkthrough blogs showcasing solutions using Microsoft products and technologies. Here is my profile.
- Notable Achievements: Highest Viewed Blog: 21.1K views and Lowest Viewed Blog: 2.1K views
- Some Key Topics Covered: Migrating Google Firebase Firestore to 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

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.
  - 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 Udhamini 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

- Microsoft Azure Developer Associate
- Microsoft Azure AI Engineer Associate
- Microsoft Azure Data Scientist Associate
- ALX Software Engineering
- Ambassadors Projects Team Lead
- Azure Fundamentals

- Microsoft Azure AI Fundamentals
- Microsoft Azure Data Fundamentals
- Azure Db for MySQL – Gold Contributor
- Azure Db for MySQL – Emerald Contributor

- M365 PnP Independent Publisher
- MS Graph – Hack together 2023
- MLSA Mentor
- MLSA Trainer
- Imagine Cup: EMEA World Finals
- Team Lead MLSA Projects