

GAMALIEL GACHANGA

FULLSTACK DEVELOPER

PERSONAL STATEMENT

As a skilled and detail-oriented developer, I have a strong foundation in digital tools, software development and problem-solving. With experience in building dynamic web applications, I am eager to contribute to innovative projects that drive efficiency and growth. Ready to take on new opportunities and collaborate effectively within a dynamic development team

CONTACT



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LinkedIn



Nairobi, Kenya

KEY SKILLS

- Programming and web development: (C, C++, C#, JavaScript, PHP, React, ASP.NET MVC, Razor Pages, HTML, CSS)
- Databases & Data Management: MySQL, SQL, Microsoft Excel, Google Sheets
- Software & Tools: Microsoft Office Suite, Google Workspace, Power BI (basics)
- Networking: Basic configuration and troubleshooting
- Professional Skills: Problem-solving, Communication, Time management, Adaptability
- Digital Skills: Familiar with digitization tools, data entry and cloud computing like Google Drive and Dropbox
- Other: Digital transformation processes, Cybersecurity basics

EDUCATION

GRE TSA UNIVERSITY, THIKA (2025 - Expected Graduation Oct 2027))

BSc of Science in Computer Science,
Odl

GRE TSA UNIVERSITY, THIKA (2023 - 2024)

Diploma in Information Technology,
GPA: **B**

Relevant Coursework: Programming, Database Management & SQL, IT Support & Troubleshooting, Computer Hardware & Maintenance

INDUSTRY PLACEMENT

LEIZAM VENTURES LTD, Juja

IT Industrial Placement, Sep 2024 - Dec 2024

- Assisted in the design and development of web applications and software solutions using C#, ASP.NET MVC
- Contributed to coding, debugging, and testing features, ensuring scalable and maintainable solutions
- Collaborated with senior developer and the team on database integration using MySQL, focusing on efficient schema design and optimized queries
- Gained hands-on experience in the full software development lifecycle, from requirements gathering to delivery

WORK EXPERIENCE

LEIZAM VENTURES LTD, Juja

Junior Developer Intern, Jan 2025 - Present

- Assisting in developing and maintaining web applications using C#, ASP.NET MVC, and Razor Pages, emphasizing scalable and testable code design
- Debugging and resolving application issues to improve system performance and ensure a smooth user experience
- Contribute to university-wide data security initiatives by assisting with the implementation of improved privacy protocols
- Utilizing MySQL databases for schema design, query writing and performance optimization, ensuring robust data operations
- I've contributed to projects including Home Direct (real estate listing platform), KejaRent (tenant/property management system) and Wi-Fi Billing System (prepaid hotspot billing platform)

TECHNICAL PROJECTS

- **Ecommerce Web App, Thika**

G&S TEES | HTML, CSS, JS, PHP | <https://gands.free.nf/>

Designed and developed a fully responsive online store for selling custom T-shirts. Features include a product catalogue with filtering options, shopping cart and checkout flow. Focused on user experience, clean design and mobile-first layout to drive conversions and customer engagement

- **Carpooling website, Juja**

LANA | HTML, CSS, JS | <https://lanacorporate.com/>

Designed and deployed a responsive company website to showcase LANA corporate ride-sharing app (available on the Play Store). Built pages highlighting app features such as safety protocols, usage guidelines and contact details to improve user trust and engagement. Integrated a chatbot for real-time communication, enabling quick responses to user inquiries. Ensured mobile-first design principles for accessibility across all devices

- **Agricultural Consultancy App, Thika**

AGRIWRIGHT

Collaborating with an agricultural research consultancy offering crop protection and agronomy services across East Africa. The solution includes:

- A mobile app for agronomists to collect data during field visits
- A web dashboard for administrators to view, manage and report on trials, efficacy studies and product development

- **Movies App**

G-MOVIES | ASP.NET Core Razor Pages, API Integration

Displays the latest movie releases, including descriptions, ratings and other related details

- **Tic-Tac-Toe Game**

React, Tailwind CSS, TypeScript

A dynamic, interactive game featuring a clean UI with responsive design using Tailwind CSS

- **Weather App**

G-WEATHER | C# .NET, ASP.NET Core MVC

A weather forecasting app displaying real-time weather, wind conditions and other relevant data based on user location

- **Wi-Fi QR Code Scanner Tool**

G-SCANNER | Typescript, React, Tailwind CSS | <https://gwifiqrcodescanner.vercel.app/>

Designed and implemented a web-based utility that scans and decodes Wi-Fi QR codes to retrieve network credentials securely

- **Snake Game**

Typescript, React, Tailwind CSS | <https://snake-game-psi-seven.vercel.app/>

Developed a modern, browser-based version of the classic Snake game, emphasizing smooth animations and responsive design

- **Memory-Match Game**

Typescript, React, Tailwind CSS | <https://memory-match-game-delta.vercel.app/>

Built an interactive card-flipping game that challenges players to test and improve memory skills under time constraints. You flip cards, match pairs and race against the clock for higher scores. Applied responsive UI design principles for seamless play on both desktop and mobile

ACHIEVEMENTS

- **National Programming Contest Winner (Website Category)** - Gretsä University, 2024

Rescue Roadside Assistance | HTML, CSS, JS

Recognized for outstanding performance in a national-level coding competition, demonstrating advanced problem-solving, algorithm design and software development skills