

# Timothy Njagi

## Full-stack Developer

✉ timothy.njagi@gmail.com    📍 Nairobi, Kenya    🔗 [Linked In](#)    🐙 [Github](#)    📁 [Portfolio](#)

### Profile

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I'm a passionate and creative full-stack developer with over six years of experience building web and mobile applications. Proficient in Angular, React, and TypeScript, I specialize in developing intuitive user interfaces, optimizing application performance, and collaborating with cross-functional teams to deliver scalable solutions.

### Experience

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2024 – present Nairobi, Kenya	<b>Senior Software Engineer, Bingwa Services</b> <ul style="list-style-type: none"><li>• Led business development and process improvement initiatives, resulting in streamlined operations that reduced project turnaround time by 30%.</li><li>• Enhanced infrastructure automation with Terraform and ArgoCD, reducing manual intervention by 50% and decreasing deployment time from 2 hours to 15 minutes on average.</li><li>• Integrated advanced monitoring and logging solutions, improving system reliability by reducing mean time to detect issues by 75% and increasing overall uptime from 98.5% to 99.9%.</li></ul>
2021 – 2023 Nairobi, Kenya	<b>Software Engineer, Bingwa Services</b> <ul style="list-style-type: none"><li>• Developed a hybrid e-commerce web app using Ionic, Angular, and TypeScript, improving user retention by 25%.</li><li>• Streamlined the release process by implementing CI/CD pipelines with GitHub Actions, reducing release cycle time by 50%.</li><li>• Performed comprehensive unit and integration testing utilizing Jasmine &amp; Jest, achieving an impressive 95% code coverage rate.</li></ul>
2019 – present Nairobi, Kenya	<b>Freelance Developer, Self-employed</b> <ul style="list-style-type: none"><li>• Designed and developed over numerous websites and web apps, increasing client business inquiries by an average of 20%.</li><li>• Customized WordPress themes and plugins to meet specific client needs, resulting in a 15% increase in client satisfaction.</li><li>• Deployed and maintained websites using cPanel, FTP, and Git, ensuring 99% uptime for client sites.</li></ul>
2016/01 – 2016/04 Nairobi, Kenya	<b>Intern, Radio Africa Group Ltd.</b> <ul style="list-style-type: none"><li>• Supported IT department activities, including installing and troubleshooting VoIP systems and managing biometric access systems.</li><li>• Automated departmental reports using PHP scripts and Linux cron jobs, saving 10 hours per week of manual report generation for the IT department.</li><li>• Developed an in-house radio promotion tracking application using LAMP stack, increasing promotion tracking efficiency by 35%.</li></ul>

## Skills

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### Frontend

JavaScript, Typescript, Angular, React, React Native, NextJs

### Backend

Node.js, Redis, PostgreSQL, MongoDB, Supabase, Firebase, AWS S3, Cloudfront

### DevOps

AWS, Terraform, Docker, Kubernetes, Helm, ArgoCD, Github Actions, EKS

### Tools

Git, Jira, Confluence, Slack

## Education

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Nairobi, Kenya

**Bachelor of Science, Computer Science, Kenyatta University**

## Certificates

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### Ionic - Build iOS, Android & Web Apps with Ionic & Angular

Udemy

### Modern Web Design

Gymnasium

### Programmable Logic Controllers

Centurion Systems Ltd.

### IBM DB2 - Academic Associate

IBM

### Python for Data Science

Data Camp

## Projects

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### Planetary Hours App, Time-based Astrology Calculator

- Developed a web application that calculates current planetary hours based on user location, utilizing Next.js and the PlanetaryHoursAPI.
- Enhanced skills in geolocation services and time-based calculations.

### Gibwork Example App, Web3 API Interaction Demo

- Created an application showcasing interactions with Gibwork's Web3 APIs, built with Next.js.
- Deepened understanding of blockchain technology and server-side rendering.

### Sigilizer App, Symbolic Intention Manifestation Tool

- Designed an application that generates personalized sigils based on user intentions, employing Capacitor for cross-platform compatibility.
- Developed expertise in procedural graphics generation using the Canvas API

### Affirmations Generator, AI-Powered Positive Affirmations Creator

- Developed an application that produces personalized affirmations using Large Language Models (LLMs) with React Native .
- Improved my proficiency in natural language processing and AI-driven content generation.

## Languages

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### English

Fluent

### Kiswahili

Native

### Agikuyu

Native