

# Dennis Maran

## Full Stack Web Developer

+254 702 290 320  
marantech002@gmail.com  
dennis2545

*Results-oriented Full Stack Developer with expertise in JavaScript frameworks and modern web technologies. Brazilian national with international experience, currently based in Nairobi, Kenya.*

### Education

- 2018–2022 **Bachelor of Science in Computer Science**, *University of Nairobi (UON)*, Nairobi, Kenya
- First Class Honors with specialization in Software Engineering
  - Thesis: "Implementing Efficient Microservices Architecture for E-commerce Platforms"
  - Relevant coursework: Advanced Algorithms, Database Systems, Web Technologies, Software Engineering, Cloud Computing
- 2016–2018 **Associate Degree in Systems Analysis and Development**, *Universidade de São Paulo (USP)*, São Paulo, Brazil
- Completed with distinction (9.1/10 GPA)
  - Specialized in web development technologies and frameworks

### Professional Experience

- 2023–Present **Senior Full Stack Developer**, *Safaricom PLC*, Nairobi, Kenya
- Lead development of M-PESA Business mobile application using React Native, resulting in 43% increase in business transactions
  - Architected and implemented RESTful APIs using Node.js and Express, improving system response time by 35%
  - Collaborated with cross-functional teams to deliver features that increased user engagement by 27%
  - Managed PostgreSQL database optimization, reducing query execution time by 40%
  - Implemented CI/CD pipelines using Jenkins, decreasing deployment time from 3 hours to 20 minutes
- 2022–2023 **Full Stack Developer**, *Andela Kenya*, Nairobi, Kenya
- Developed and maintained web applications for various clients using React, TypeScript, and Node.js
  - Built responsive UIs with Material-UI and Bootstrap, ensuring cross-browser compatibility
  - Implemented authentication and authorization systems using JWT and OAuth2.0
  - Collaborated with global teams across multiple time zones using agile methodologies
  - Mentored junior developers in modern JavaScript practices and frameworks
- 2019–2022 **Web Developer Intern**, *Equity Bank Kenya*, Nairobi, Kenya
- Assisted in developing the bank's customer-facing web portal using Angular and Spring Boot
  - Implemented responsive UI components that improved mobile user experience by 30%
  - Collaborated with UX team to implement design improvements based on user feedback
  - Created unit and integration tests using Jest and Cypress, achieving 92% code coverage
- 2017–2019 **Junior Web Developer**, *Nubank*, São Paulo, Brazil
- Contributed to front-end development of the company's financial management dashboard
  - Implemented responsive designs using HTML5, CSS3, and JavaScript
  - Participated in code reviews and pair programming sessions with senior developers
  - Developed RESTful API integrations for payment processing systems

### Technical Skills

- Frontend JavaScript (ES6+), TypeScript, React, Angular, Vue.js, HTML5, CSS3, SASS, Bootstrap, Material-UI, Tailwind CSS, Redux, Webpack
- Backend Node.js, Express, Django, Flask, Spring Boot, RESTful APIs, GraphQL, WebSockets
- Databases MongoDB, PostgreSQL, MySQL, Redis, Firebase, Elasticsearch

DevOps	Docker, Kubernetes, AWS, GCP, Azure, CI/CD (Jenkins, GitHub Actions), Nginx
Testing	Jest, Mocha, Chai, Cypress, Selenium, JUnit, PyTest
Version Control	Git, GitHub, GitLab, Bitbucket
Methodologies	Agile (Scrum, Kanban), TDD, BDD, Microservices Architecture
Languages	JavaScript, Python, Java, PHP, SQL, Bash

## Languages

Portuguese	Native	<i>Brazilian Portuguese</i>
English	Fluent	<i>IELTS score: 8.0</i>
Spanish	Intermediate	<i>Conversational proficiency</i>
Swahili	Basic	<i>Currently improving</i>

## Selected Projects

- 2023 **M-Commerce Platform**, *Lead Developer*
  - Designed and implemented a full-stack e-commerce platform integrated with M-PESA payment system
  - Technologies: React, Node.js, Express, MongoDB, Redux, AWS
  - Features: Real-time inventory management, payment processing, and delivery tracking
  - Achieved 99.9% uptime and handled 10,000+ concurrent users during peak hours
- 2022 **Health Monitoring System**, *Full Stack Developer*
  - Developed a telemedicine platform for remote patient monitoring in rural Kenyan communities
  - Technologies: Angular, Django, PostgreSQL, Docker, Google Cloud
  - Implemented WebRTC for real-time video consultations and IoT integration for medical devices
  - Open-source project with 500+ GitHub stars and 120+ forks
- 2021 **Financial Management Dashboard**, *Frontend Developer*
  - Created an interactive dashboard for visualizing personal financial data
  - Technologies: Vue.js, D3.js, Express, MongoDB
  - Features: Budget tracking, expense categorization, financial forecasting with machine learning
  - Used by 5,000+ users with 4.8/5 rating on app stores

## Certifications

- 2024 **AWS Certified Solutions Architect**, *Amazon Web Services*
- 2023 **Google Professional Cloud Developer**, *Google Cloud*
- 2022 **MongoDB Certified Developer**, *MongoDB*
- 2021 **Microsoft Certified: Azure Developer Associate**, *Microsoft*

## Professional Development

- 2024 **Advanced React Patterns Workshop**, *Frontend Masters*, Online
- 2023 **Microservices Architecture and Implementation**, *iHub*, Nairobi, Kenya
- 2022 **International Conference on Web Engineering**, *ICWE*, Virtual Attendance
- 2021 **DevOps and Cloud Computing Summit**, *TechMoran*, Nairobi, Kenya

## Community Involvement

- 2023–Present **Technical Mentor**, *Moringa School*, Nairobi, Kenya
  - Mentor junior developers in full stack web development technologies
  - Conduct bi-weekly code review sessions for students' projects
  - Organize hackathons and coding competitions for 100+ participants

- 2022–Present **Organizer**, *Nairobi JavaScript Community (NaiJS)*, Nairobi, Kenya
- Co-organize monthly meetups featuring technical talks and coding workshops
  - Manage community GitHub repositories and documentation
  - Secured partnerships with local tech companies for event sponsorships
- 2019–2021 **Volunteer Teacher**, *Digital Divide Data Kenya*, Nairobi, Kenya
- Taught web development fundamentals to disadvantaged youth
  - Developed curriculum focused on employable skills in the tech industry
  - Mentored 30+ students who secured entry-level positions in tech companies

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## Additional Information

- Open Source Contributor to React, Node.js, and Django open source projects
- Interests Hackathons, tech meetups, artificial intelligence, sustainable technology, hiking

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## References

Available upon request