Linda Atsulu

Computer Science Professional & English Literature Graduate

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Versatile Computer Science professional and English Literature graduate with 7+ years of freelancing experience. Combining technical expertise in web development, data analysis, and software engineering with strong communication skills and literary analysis capabilities. Passionate about leveraging technology to solve real-world problems while maintaining excellence in written communication.

Education

2019–2022 **Bachelor of Arts in English Literature**, *Kibabii University*, Bungoma, Kenya, Upper Second Class Honours (2:1) - 68% overall average
- Dissertation: "Digital Narratives and Contemporary African Literature: A Study of Social Media's Impact on Storytelling"
- Relevant modules: Contemporary African Literature, Literary Theory and Criticism, Creative Writing, Linguistics, Digital Humanities, Postcolonial Literature
- President, English Literature Students Association (2021-2022)
- Editor, Kibabii Literary Magazine (2020-2022)
- Dean's List for Academic Excellence (2020, 2021, 2022)

Professional Certifications & Online Education

freeCodeCamp Certifications (2018-2020)
- Responsive Web Design Certification
- JavaScript Algorithms and Data Structures Certification
- Front End Development Libraries Certification
- Data Visualization Certification
- Back End Development and APIs Certification

Coursera Specializations (2020-2022)
- Google IT Professional Certificate
- IBM Data Science Professional Certificate
- Meta Front-End Developer Professional Certificate
- University of Michigan Python for Everybody Specialization

edX Courses (2022-2024)
- MIT Introduction to Computer Science and Programming Using Python
- Harvard Introduction to Data Science with R
- IBM AI Engineering Professional Certificate

Udacity Nanodegrees (2023-2025)
- Full Stack Web Developer Nanodegree
- Data Analyst Nanodegree
- Machine Learning Engineer Nanodegree

2018–2020 **Kenya Certificate of Secondary Education**, *Kakamega High School*, Kakamega, Kenya
- Mean Grade: A- (83 points)
- Mathematics (A), English (A), Computer Studies (A), Physics (B+), Chemistry (B+), Biology (B+), Kiswahili (B+), Geography (B)
- School Debate Team Captain (2019-2020)
- Computer Club Secretary (2018-2020)

Freelancing Experience

2018–Present **Full-Stack Web Developer**, *Self-Employed Freelancer*, Nairobi, Kenya
- Developed 50+ responsive websites and web applications for clients across Kenya, Uganda, and Tanzania
- Specialized in e-commerce platforms, business websites, and content management systems
- Technologies: HTML5, CSS3, JavaScript, React.js, Node.js, PHP, Laravel, WordPress, MySQL, MongoDB
- Maintained 98% client satisfaction rate with average project delivery 15% ahead of schedule
- Generated consistent monthly revenue of KES 80,000 - 150,000 through diverse client portfolio
- Established long-term partnerships with 12+ recurring clients including SMEs and NGOs

2020–Present **Data Analysis Consultant**, *Various Clients*, Remote/Nairobi
- Analyzed business data for 25+ organizations to identify growth opportunities and operational inefficiencies
- Created automated reporting dashboards reducing manual reporting time by 60% for clients
- Specialized in market research analysis, customer behavior studies, and financial data interpretation
- Tools: Python (pandas, NumPy, matplotlib), R, Excel, Tableau, Power BI, Google Analytics
- Delivered actionable insights that helped clients increase revenue by average of 23%
- Worked with diverse sectors: agriculture, fintech, education, healthcare, and retail

2019–Present **Content Writer & Digital Marketing Specialist**, *Multiple Agencies & Direct Clients*, Remote
- Authored 500+ blog posts, articles, and marketing copy for websites and social media platforms
- Specialized in tech content, SEO optimization, and digital marketing strategies
- Managed social media accounts for 15+ businesses with combined following of 100,000+ users
- Increased organic website traffic by average of 150% for clients through SEO-optimized content
- Collaborated with international clients from USA, UK, Canada, and Australia
- Expertise: Content strategy, copywriting, SEO, social media marketing, email marketing

2021–Present **Mobile App Developer**, *Freelance Projects*, Nairobi, Kenya
- Developed 8 mobile applications for Android and iOS platforms
- Notable projects: AgriConnect (farmer-to-market app), EduTrack (student management system), BodaBoda Tracker (transport logistics)
- Technologies: React Native, Flutter, Firebase, SQLite, REST APIs
- Apps collectively downloaded 15,000+ times with 4.2+ star average rating
- Collaborated with local startups and established businesses to digitize their operations

2022–Present **Technical Writing & Documentation**, *Software Companies*, Remote
- Created comprehensive technical documentation for 10+ software products and APIs
- Specialized in user manuals, API documentation, and developer guides
- Worked with international tech companies to improve their documentation quality
- Reduced customer support tickets by 40% through clear, user-friendly documentation
- Expertise in tools: GitBook, Notion, Confluence, Markdown, LaTeX

Contract & Part-time Positions

2023–2024 **Junior Software Developer**, *Safaricom PLC*, Nairobi, Kenya, 6-month Contract
- Contributed to M-Pesa platform enhancement projects during peak development periods
- Developed microservices using Java Spring Boot and implemented REST APIs
- Collaborated with cross-functional teams in Agile development environment
- Participated in code reviews and maintained high code quality standards
- Technologies: Java, Spring Boot, Microservices, PostgreSQL, Docker, Jenkins

2022–2023 **Part-time English Tutor**, *Kibabii University*, Bungoma, Kenya
- Tutored undergraduate students in Academic Writing, Literary Analysis, and English Composition
- Developed innovative teaching materials combining traditional literature with digital tools
- Improved student performance by average of 25% in written assignments
- Conducted writing workshops for 100+ students across different faculties
- Mentored 15+ students in their dissertation writing process

2021–2022 **ICT Assistant**, *Bungoma County Government*, Bungoma, Kenya, Part-time
- ○ Provided technical support for county government digital initiatives
- ○ Trained 50+ county staff members on digital literacy and basic computer skills
- ○ Assisted in digitizing county records and implementing database management systems
- ○ Developed simple web applications for internal county operations
- ○ Technologies: Microsoft Office Suite, Database Management, Basic Web Development

Technical Skills

Programming Languages	JavaScript, Python, Java, PHP, R, HTML5, CSS3, SQL, C++, Dart
Web Development	React.js, Vue.js, Angular, Node.js, Express.js, Laravel, Django, Flask, WordPress
Mobile Development	React Native, Flutter, Android Studio, iOS Development
Databases	MySQL, PostgreSQL, MongoDB, SQLite, Firebase Firestore
Cloud & DevOps	AWS, Google Cloud Platform, Digital Ocean, Docker, Git, GitHub, Jenkins, Netlify, Vercel
Data Analysis	Python (pandas, NumPy, scikit-learn), R, Tableau, Power BI, Excel, Google Analytics
Design & UI/UX	Figma, Adobe XD, Photoshop, Canva, Bootstrap, Tailwind CSS, Material-UI
Content Management	WordPress, Drupal, Joomla, Strapi, Contentful
Digital Marketing	SEO, Google Ads, Facebook Ads, Email Marketing, Social Media Management
Technical Writing	LaTeX, Markdown, GitBook, Confluence, API Documentation

Languages

English	Native/Fluent	*Excellent written and verbal communication*
Kiswahili	Native	*Fluent in both spoken and written*
Luhya	Native	*Mother tongue - Bukusu dialect*
French	Intermediate	*Self-taught through online platforms*

Major Projects

2024 **KenAgri Platform**, *Full-Stack Agricultural Management System*
- ○ Comprehensive web and mobile platform connecting farmers, suppliers, and buyers in Kenya
- ○ Features: Crop management, weather integration, market prices, expert consultation
- ○ Technologies: React.js, Node.js, React Native, MongoDB, Socket.io, Payment Integration
- ○ Serves 500+ active farmers across 5 counties with KES 2M+ in transactions facilitated
- ○ Winner, Nairobi Tech Week Innovation Challenge 2024

2023 **EduConnect Kenya**, *Educational Technology Platform*
- ○ Online learning platform specifically designed for Kenyan curriculum (CBC and 8-4-4)
- ○ Interactive lessons, progress tracking, and virtual classroom capabilities
- ○ Technologies: Vue.js, Laravel, MySQL, WebRTC, Stripe Payment Integration
- ○ Used by 15+ schools and 2,000+ students across Kenya
- ○ Featured in Daily Nation Education Supplement

2022 **Nairobi Housing Analytics**, *Data Analysis & Visualization Project*
- Comprehensive analysis of Nairobi housing market trends from 2015-2022
- Interactive dashboard showing price trends, affordability indices, and location analytics
- Technologies: Python, R, Tableau, web scraping, statistical modeling
- Data sources: Property listing websites, Kenya Bureau of Statistics, real estate agencies
- Presented findings at University of Nairobi Data Science Conference 2022

2021 **Digital Storytelling Archive**, *Literature & Technology Fusion Project*
- Digital platform preserving and presenting Kenyan oral literature and contemporary stories
- Interactive storytelling interface with audio, video, and text integration
- Technologies: React.js, Node.js, MongoDB, AWS S3, Audio/Video processing
- Collaboration with Kenya Cultural Centre and local storytellers
- Houses 200+ stories from 15+ Kenyan communities

Professional Certifications

2024 **AWS Certified Developer Associate**, *Amazon Web Services*

2024 **Google Cloud Professional Cloud Developer**, *Google Cloud*

2023 **MongoDB Certified Developer**, *MongoDB Inc.*

2023 **Meta Certified Digital Marketing Associate**, *Meta*

2022 **Certified Ethical Hacker (CEH)**, *EC-Council*

2022 **Oracle Certified Associate, Java SE 8 Programmer**, *Oracle*

2021 **Google Analytics Individual Qualification**, *Google*

2021 **HubSpot Content Marketing Certification**, *HubSpot Academy*

2020 **Microsoft Azure Fundamentals AZ-900**, *Microsoft*

Professional Development & Training

2024 **AI and Machine Learning in African Context**, *University of Nairobi*, Nairobi, Kenya

2024 **Women in Tech Leadership Summit**, *iHub*, Nairobi, Kenya

2023 **DevOps and Cloud Computing Bootcamp**, *Andela Kenya*, Nairobi, Kenya

2023 **Digital Transformation in African Businesses**, *Strathmore University*, Nairobi, Kenya

2022 **Cybersecurity Awareness for Developers**, *Kenya Computer Society*, Nairobi, Kenya

2021 **Entrepreneurship and Innovation Workshop**, *USIU-Africa*, Nairobi, Kenya

2020 **Mobile Money and Fintech Development**, *Safaricom Alpha*, Nairobi, Kenya

Awards & Recognition

2024 **Best Innovation Award**, *Nairobi Tech Week*, KenAgri Platform recognition

2023 **Outstanding Freelancer Award**, *Upwork*, Top 1% of freelancers globally

2022 **Best Literature Student**, *Kibabii University*, Academic excellence and leadership

2021 **Young Entrepreneur Recognition**, *Kenya Association of Women in Business*, Digital innovation contribution

2020 **Dean's List Achievement**, *Kibabii University*, Consistent academic performance

Community Involvement & Volunteering

2022–Present **Tech Mentor**, *AkiraChix*, Nairobi, Kenya
- Mentor young women in technology, focusing on web development and career guidance
- Conducted 20+ workshops on coding fundamentals and professional development
- Established mentorship relationships with 15+ aspiring female developers
- Contributed to curriculum development for beginner programming courses

2021–Present	**Volunteer Developer**, *Code for Kenya*, Nairobi, Kenya
	○ Contribute to open-source civic technology projects addressing Kenyan social challenges
	○ Developed data visualization tools for government transparency initiatives
	○ Participated in hackathons focusing on education, healthcare, and governance solutions
	○ Collaborated with journalists and researchers on data-driven storytelling projects
2020–Present	**Digital Literacy Trainer**, *Kibabii Community Center*, Bungoma, Kenya
	○ Provide free computer and internet literacy training to community members
	○ Trained 200+ adults and youth in basic computer skills and online safety
	○ Established computer lab with donated equipment and reliable internet access
	○ Developed training materials in local languages (Luhya and Kiswahili)
2019–2022	**Creative Writing Club President**, *Kibabii University*, Bungoma, Kenya
	○ Led creative writing workshops and organized literary events
	○ Managed club of 50+ members and coordinated with guest speakers and authors
	○ Organized annual poetry and short story competitions with 100+ participants
	○ Published quarterly literary magazine featuring student and local community work

Professional Memberships

2023–Present	**Member**, *Computer Society of Kenya (CSK)*, Kenya
2022–Present	**Member**, *Kenya Association of Women in STEM*, Kenya
2021–Present	**Member**, *Association of Professional Writers of Kenya*, Kenya
2020–Present	**Member**, *IEEE Computer Society*, International

Additional Skills & Interests

Creative Skills	Creative writing, poetry, content creation, photography, video editing
Business Skills	Project management, client relations, financial planning, market research
Leadership	Team coordination, mentoring, public speaking, workshop facilitation
Research	Academic research, data collection, literature review, statistical analysis
Interests	African literature, technology for social good, women's empowerment in tech, sustainable technology solutions, hiking, reading

Publications & Media

2023	**"Bridging the Digital Divide: Technology Solutions for Rural Kenya"**, *Tech Trends Africa Magazine*, Co-authored article
2022	**"Digital Narratives in Contemporary African Literature"**, *Kibabii University Journal*, Research paper based on undergraduate dissertation
2021	**"Women in Tech: Breaking Barriers in Kenya's Digital Economy"**, *The Standard Newspaper*, Opinion piece on gender equality in technology

References

Academic Reference	Dr. Sarah Wanjiku, Senior Lecturer, Department of Literature

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