

Alvin Njenga

Email: alvinnjenga@gmail.com Github: github.com/AlvinNjenga

Mobile: +254795978900

PROFESSIONAL SUMMARY

Motivated and constantly learning software developer with full-stack experience looking for a new challenge. I've been fortunate to be exposed to every stage of the application life cycle - from design, implementation, testing and automating deployment - which has spurred my appetite to deepen my knowledge. Looking for a role where I could grow through facing interesting problems, learn from those around me and provide mentorship.

CORE SKILLS

My skills have been developed through several years working all through the lifecycle of production applications:

- ❖ Strong knowledge of React using Next.js with TailwindCSS, Redux, Framer Motion and other front-end tools for responsive, enjoyable user experiences.
- ❖ Experience with building microservices and APIs in NodeJS and .NET using best industry practices.
- ❖ Integration testing and automation with Cypress; unit testing with Jest, Moq & Fluent Assertions.
- ❖ Comfortable with SQL and NoSQL, especially Entity Framework and MongoDB.
- ❖ Built a highly available API in .NET with RabbitMQ to handle computation heavy async tasks.
- ❖ Experience with version control using Git/Github from the command line and desktop app.
- ❖ Cloud computing experience in GCP and AWS alongside development of a CI/CD pipeline with automated testing.

WORK EXPERIENCE

2023-Curr. **Freelance Full Stack Developer**

In my role as a freelance developer I developed skills beyond the technical aspects of my work with a focus on project planning, successful on-time delivery, and client satisfaction.

- **Project management:** Ensuring project deadlines are met, a continuous feedback loop at important milestones and collaboration with designers/developers.
- **Managing clients:** Handling client consultations, providing technical advice on their goals and vision, defining project parameters and expectations and clear communication.
- **Continuous technical development:** Investing in technical learning to stay up-to-date on developments in best practices and new methodology using online sources and certifications.

2019-2023 **Software Developer at Merkle**

Worked on an in-house reporting and QA application designed to provide digital marketers with data-driven warnings and suggestions for managing accounts using user-defined criteria.

- **Core role:** Played integral role in development of new greenfield project - contributing to planning and high level decisions as a junior.

- **Enterprise development:** Experience building production quality software, working closely with product managers and designers to implement features successfully across the stack.
- **Testing:** Spearheaded React unit tests using Cypress and learned how to write XUnit tests with Moq for our .NET microservices. Introduced NodeJS testing using Jest.
- **Architecture:** Worked on the migration of the application from a monolithic backend to a microservice event driven architecture.
- **APIs:** Gained deep knowledge of integrating with third party APIs, especially Google and Facebook, using either the direct API or client libraries.
- **Cloud computing:** Extensively used Google Cloud Platform for building and deploying the application image using Docker, Pub/Sub for events, hosted SQL and noSQL options, Cloud Tasks and more.

2017-2018 Intern at Hen Creative

Worked for a web design agency as a WordPress developer, primarily dealing with requests for custom themes and e-commerce websites for personal and commercial use.

- **Custom development:** Using PSD or images from clients, and building fully functioning custom websites using HTML, CSS and Javascript (jQuery).
- **E-commerce:** Experience using Woo-commerce to build professional e-commerce websites for clients.
- **Client Interaction:** Dealing with clients; explaining how to update their own websites after completion, translating client requests into added features or pages and working towards a deadline.

EDUCATION

2014-2017 Economics and Finance BSc – University of Surrey

Studying Economic Data Analysis, Mathematics, Quantitative Methods, Statistics, Financial Economics I & II, Introductory Econometrics, Microeconomics, Macroeconomics.

2012-2014 Harlow College

BTEC Level 3 Business: **D*D*D***

BTEC Level 2 Business: **Distinction.**

GCSE's: **Maths – A, English – A***

REFERENCES

References supplied upon request.