MF **MELANIE FAYNE**

📞 +254 712 697 518

✉ melaniefayne33@gmail.com

📍 Nairobi, Kenya

PROFESSIONAL SUMMARY

Effective problem solver using software development and data to design, build and develop mobile and web solutions that leverage on artificial intelligence to solve everyday problems.

Portfolio: https://nextjs-dev-portfolio-tawny.vercel.app/

Github: https://github.com/mel-fayne

Kaggle: https://www.kaggle.com/melfayne

LinkedIn: https://www.linkedin.com/in/melanie-fayne-507a3523b/

SKILLS

- Flutter | Python | Django | REST API | Full Stack Development | Agile | Git
- HTML | CSS | JavaScript | Angular Framework | Figma
- Data Science | SciKit Learn | SQL

WORK EXPERIENCE

Junior Frontend Developer	Sisitech Limited, Nairobi	Oct 2020 - Feb 2023

- Worked with the Flutter, Angular and Ionic frameworks to develop various client websites and mobile applications in the Car Insurance, Music and Education industries.
- Contributed to building websites that resulted in a significant increase in business outputs for clients, with an average growth rate of 30.5% in website traffic and a notable increase in conversions.

Freelance FullStack Developer	Nairobi, Kenya	Aug 2022 - Present

- Worked in several client projects for small business and research groups in Kenya using Figma for the design process, the Flutter and Angular Frameworks for front-end and Django and PostgreSQL for the back-end and API.
- The automation these projects introduced contributed to the growth of the client base and revenue of these organisations.

EDUCATION

Bachelor of Science	University of Nairobi	Sept 2019 - June 2023

Major in Computer Science - First Class Honours

MENTORSHIP & VOLUNTEERING

- **GDSC UoN UI/UX Lead 2022 - 2023:** Led information sessions and organised events for the UI/UX track for the google developers club at the University of Nairobi. Pioneered the start of the Pimp My Site Hackathon, the first UI/UX hackathon in Nairobi.
- **Technovation World Challenge Mentor 2022:** Mentored a team at Nova Pioneer Girls School in building a climate awareness mobile application using Thunkable. The team was placed 5th in the country.

RELEVANT PROJECTS

- **Wavvy Wallet** : Developed a mobile expense tracker using Flutter that helps users track their spending habits as well as view recommendations on better ways to spend. The application received a wide acceptance rate of over 72% by individuals and small business alike.
- **Elira**: Developed a Full Stack Flutter-Django mobile application for a career guidance system for university students pursuing technology. The application correctly predicted over 70% career paths and led to a general increase in student career guidance in select universities.

- **Paiva** : Developed a full stack website project for a garbage collection company based in Kiambu, Kenya. The project entailed a back-end developed using Django REST API and the front-end was developed using the Angular Framework. The system enabled more efficiency in Paiva's work flow reducing their manual labour in tracking client payments by 80%.

- **Santander Transaction Prediction**: Developed a model that predicted the value of customer transactions for the Santander Bank in Spain for a Kaggle Competition. The work done attained critical acclaim from renown Data Scientists at Equity Bank in Kenya.
- **WiDs Climate Change Action** : Developed a model that forecasted temperature patterns in light of recent global warning changes for the WiDs 2023 global competition.
- **UmojaHack Africa C02 Emissions Prediction:** Developed a model to predict the amount of C02 emissions in South Africa. Attained an RMSE score of 0.234