Fotie M. Constant

Software Engineer (JavaScript, TypeScript, Python) with **4+ years** of experience building scalable software solutions in Fin-tech, SaaS and consulting. My expertise encompasses software engineering, data analysis, and machine learning, with a strong focus on creating production-quality software, data pipelines, and analytics. Skilled in both internal and external projects, I bring a collaborative, Agile-driven approach to tackling complex challenges and implementing AI-driven solutions that deliver measurable value and drive impactful results.

CONTACT DETAILS
contact@fotiecodes.com
+905 316 787 183
LinkedIn | Github | Web
Ankara, Turkey (open to relocate)

WORK EXPERIENCE

Codementor (Education) — Software Engineer (Mentor)

Turkey, Ankara (Freelance)   09/2021 - PRESENT

- Collaborate with colleagues in California, delivering personalized mentorship and guidance in software engineering and machine learning.
- Deliver personalized 1:1 mentorship sessions to help aspiring developers build a strong career foundation.
- Guide learners through complex debugging and troubleshooting tasks, ensuring best practices and clean code.
- Focus on enhancing learners' technical skills in software engineering with a deep dive into machine learning fundamentals, helping them build ML-driven applications and understand AI concepts for future-ready careers.

  Tech Skills: Python, JavaScript, TypeScript, Git, Node.js, React.js, Vue.js, GenAI, ML etc.

Ranx.ai (SEO Industry) — Machine learning specialist

Turkey, Ankara (Remote)   05/2024 - 06/2024

- Fine-tuned an LLM to generate client blog posts with near **90% "human-written"** detection ratings and optimized content readability using Flesch–Kincaid tests. Engineered and maintained machine learning models tailored to business needs, performed extensive data cleaning and preprocessing to ensure data integrity, and analyzed large datasets for actionable insights. Integrated models into production environments with cross-functional collaboration, continuously improving model accuracy and scalability.
- Collaborate with colleagues in Kiryat Ono, Tel Aviv District, Israel

  Tech Skills: Python, TensorFlow/PyTorch, Matplotlib, Scikit-learn, LLMs git, etc.

BTS Global LCC (IT Services) — Software Eng. Consultant

Turkey, Ankara (Remote)   01/2022 - 09/2023

- Led the complete front-end development lifecycle, translating client specifications into functional components and overseeing project progress through task delegation, monitoring, and prototype presentations to ensure alignment with client expectations.
- Conducted in-depth research and troubleshooting to resolve a range of technical issues, collaborating closely with senior leaders to maintain high standards and support efficient project delivery.
- Advised clients on software product selection, web app development strategies, and best practices for optimizing and troubleshooting existing systems, driving enhanced functionality and streamlined development processes.

TECHNOLOGIES

Backend: JavaScript (5 years), TypeScript (3 years), Python(3 years)
Frameworks: flask, express.js, .NET(basic)

Frontend: JavaScript (5 years), HTML5/CSS3 (5 years), TypeScript (3 years)
Frameworks: Vue.js, Next.js, React.js, Nuxt.js, jQuery, Shadcn UI, TailwindCSS, Bootstrap, PHP etc.

Others: MongoDB (2 years), SQL (3 years), Git (5 years), GitHub, TensorFlow/Keras, NumPy, BERT, PyTorch, Pandas, Matplotlib, Scipy, Sklearn. CrewAI, GenAI. Graphic Design: Figma, Adobe XD, Sketch, Photoshop

AWARDS or CERTIFICATIONS

Meta Developer Circles Scholarship (2019) Awarded a 12-month scholarship as part of Track 2 in the Developer Circles from Facebook Web Development Training Program. Selected as **one of 53 developers worldwide** for this competitive program affiliated with the Board of Paris, France which included access to OpenClassrooms and DataCamp training resources.

Artificial Intelligence: The Big Picture of AI (2020)

LANGUAGES
English (Native)
French (Native)

- Collaborate with colleagues in Cincinnati, Ohio, USA

  Tech Skills: JavaScript, Vue.js, HTML5, PHP, OOP, AJAX, JSON, Figma, etc.

Moonblocks LLC (SaaS & Web3)   **Software Engineer**

Turkey, Ankara (Remote)   02/2023 - 08/2023

- Led development of SaaS and Web3 projects, including a gamified community engagement platform, focusing on creating reusable code libraries for scalability.
- Enhanced application performance and scalability, ensuring a seamless user experience across platforms.
- Collaborated closely with back-end developers to integrate front-end with server-side logic, implementing security protocols and ensuring responsive, cross-browser compatibility.
- Liaised with the marketing team to align technical solutions with client needs, supporting optimal user-centered designs.
- Maintained comprehensive project documentation and actively contributed to code reviews, debugging, and issue resolution.
- Collaborate with colleagues in Rotterdam, Netherlands and around the globe

  Tech Skills: HTML5/CSS3, JavaScript, Vue.js, Git, OOP, DevOps, Python, etc.

GOHZE (Software Development)   **Software Developer**

Cameroon, Yaoundé   08/2021 - 02/2022

- Developed and maintained internal and external applications, transforming mockups into functional platforms, including school management system and video streaming solutions.
- Enhanced frontend functionality by integrating APIs with Axios and improved the company's website's performance and user experience.
- Engaged with clients to confirm requirements and collaborated internationally within Agile/SCRUM frameworks to meet project milestones.

  Tech Skills: JavaScript, HTML5/CSS3, Vue.js, Vuex, Nuxt.js, Tailwind, and some .NET with nopCommerce integration. etc.

N-Tec Labs (Software Dev.).   **Software Engineer**

Cameroon, Yaoundé   11/2020 - 07/2021

- Led the development of 4+ software applications, including two internal projects for e-commerce and FinTech, driving impactful user experiences through well-structured code and seamless integration across modules.
- Improved user satisfaction by implementing clean UI and UX design principles, optimizing applications for intuitive interactions on both mobile, tablet, and desktop platforms.
- Developed reusable code components to establish a foundation for scalable and maintainable software solutions, enhancing future project efficiency. Conducted rigorous optimizations that improved load times and scalability, significantly boosting application performance under high-traffic conditions.
- Developed and implemented a machine learning model to automate customer support ticket classification, achieving an 95% accuracy rate in categorizing tickets, which reduced response time by 30%. This project involved extensive data preprocessing and model optimization to handle high volumes efficiently. Additionally, built an ML-powered tool for task management within an internal project management system, enabling the automated categorization and tracking of tasks to improve team productivity and project oversight.

  Tech Skills: Python, Numpy, BART, Git, MongoDB, JavaScript, React.js/Vue.js, etc.

OTHER WORK EXPERIENCES

Coding Coach   **Software engineer (Mentor)**

Online, Remote   01/2021 - PRESENT

- Core mentor and team member providing **FREE**, personalized 1:1 mentorship to aspiring developers globally, fostering career growth and technical expertise.
- Empowering the Community: Assisting learners in mastering programming fundamentals, from Javascript/Typescript to advanced topics in Python, Vue.js/React.js, and Node.js.

EDUCATION

Atilim University, M.Sc. Software Engineering
Turkey, Ankara, 2023 – Present.

OpenClassrooms, Bachelor's in Software Development

Paris, France(Online), 2019 – 2020.

African Institute of Computer Sciences, Bachelor's in Computer Eng.

Cameroon, Yaoundé, 2017 – 2020.

PROJECTS

API Documentation CLI Tool (CLI tool, 2024 - Present). **Software Engineer/Researcher**, used GenAI, Python, CI/CD, and LLM fine-tuning to automate and scale API documentation for large software projects.

Turaco-8B Model (2024 - Present). **AI/ML Engineer**, with Python, Huggingface, Google Colab, NLP techniques.

Jarvis LLM for Home Automation (2023 - Present). **Lead Engineer**, Custom language model for real-time interaction, with applications in home automation, leveraging fine-tuning techniques, Python, NLP, Llama3.2-3b, and speech-to-text integrations(Whisper.cpp), Bark, etc.