

Petros Worku

Ethiopia, Addis Ababa

Phone:- +251980222287

Email:- petrosworku19@gmail.com

LinkedIn Profile:- <https://www.linkedin.com/in/petros-worku-63623a278/>

GitHub:- <https://github.com/petros1921>

Professional Summary

Detail-oriented and innovative Full-Stack Developer with a strong foundation in back-end development. Proficient in crafting seamless, high-performance applications with a broad tech stack including Vue.js, Node.js, and MongoDB. Experienced in all phases of development, from planning to deployment, with a focus on responsive design, efficient data management, and API integration. Adept at creating dynamic, user-centric applications and collaborating with cross-functional teams to drive project success.

Technical Skills

Front-End

- Frameworks & Libraries: Vue.js, Nuxt.js, Quasar
- Technologies: HTML5, CSS, JavaScript, Tailwind CSS

Back-End

- Frameworks & Libraries: Node.js, Express.js, Flask
- Technologies: RESTful API, GraphQL, JWT Authentication

Databases

- MongoDB, MySQL, PostgreSQL, SQLite

Other Tools

- GitHub, Redis, Cloudinary, API Development, Google Books API, Mocha & Chai (for testing)

Professional Experience

- Full-Stack Developer
- Developed multiple web applications that included user authentication, real-time data processing, and API integrations.
- Leveraged Vue.js and Tailwind CSS to create responsive front-end interfaces and optimized user interactions.
- Built and maintained back-end services using Node.js, Flask, and MongoDB, ensuring secure data management and efficient API performance.
- Integrated Redis for session management and caching, significantly enhancing application speed and reliability.
- Conducted rigorous testing with Mocha and Chai, achieving high code reliability and maintaining project quality.

Key Projects

Yene Books

A book-tracking application enabling users to manage book collections, track reading progress, and leave reviews.

- Created both front-end and back-end environments, with user authentication using JWT and data management via MongoDB and Redis.
- Integrated the Google Books API for enriched book metadata and Cloudinary for optimized image handling.
- Collaborated with a mock design team to refine UX/UI, resulting in a polished and intuitive user experience.

Portfolio

https://youtu.be/Wm-3SbY-LvM?si=jyMLi0_6vLBU3_9R

Other Web Application Projects

Built applications that support dynamic content and high performance across web and mobile platforms.

- Used the Quasar Framework to develop cross-platform applications, ensuring consistency across desktop, web, and mobile.
- Designed and deployed scalable REST APIs with Node.js and Express, and optimized API calls for performance.

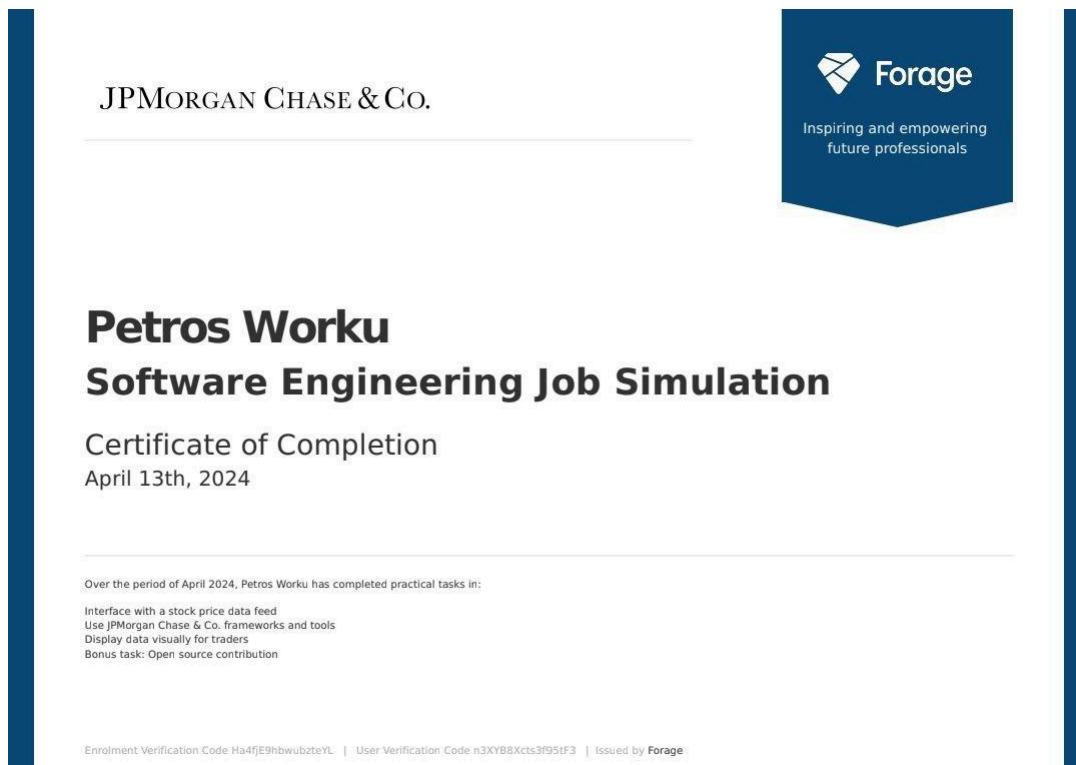
Education

ALX Software Engineering Program Graduate
From 08-14-2023 to 10-09-2024

Certifications



ALX Software Engineering Certificate



JPMorgan Chase & Co Software Engineering Job Simulation