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Objectives

To secure a challenging position as a Software Engineer, where I can apply my knowledge and skills in software development to contribute to the success of a dynamic and innovative organization. I aim to gain hands-on experience, collaborate with a talented team, and continuously learn and grow in the field of software engineering.

Education

ALX Full-stack Software Engineering Program (12 months)

- Completed a 9-month intensive foundations program focusing on various aspects of software engineering, including C programming, system administration, database management, web development, and DevOps.
- Specialized in backend technologies such as Django, Flask, Node.js, Express, MySQL, MongoDB and Redis during a 3-month specialization period after my foundations.
- Developed projects including a simple shell in C, a Monty interpreter in C, and a full-stack data visualization website in Django and jQuery, deployed in an AWS server.

Skills

- Programming Languages: C, Python, JavaScript, TypeScript, Shell
- Web Development: HTML, CSS, Django, Flask, NodeJS, ExpressJS, React, Tailwind
- Database Management: SQL, MongoDB, Redis

- Version Control: Git, GitHub
- DevOps: Docker, AWS
- Data analytics: Python (experience using pandas, Matplotlib), SPSS
- Strong problem-solving and analytical skills
- Excellent communication and interpersonal skills
- Ability to explain complex concepts in a clear and concise manner
- Strong passion for teaching and mentoring

Projects:

Latent:

- ❖ Latent is a web app that provides housing services linking potential tenants with house owners or agents.
- ❖ It is a group project involving two developers working in the frontend and two at the backend
- ❖ I work as a backend developer with the task of modeling the House schema to the database and handling all CRUD operations involving the House object. I am also responsible for automated mailing services for notifications
- ❖ Technologies: MERN stack
- ❖ Third party API: Mailgun - Mailing services, Geocode.xyz - Getting latitudes and longitudes
- ❖ Available: <https://github.com/Scaarif/Latent>

Full-Stack Data Visualization Website:

- ❖ Built a web application using Django during my foundations in ALX, allowing users to upload and visualize data in different formats.
- ❖ Available: https://github.com/DrPlain/portfolio-project_visualization_dashboard

Files Manager:

- ❖ This project was a simple API platform to upload and view files
- ❖ It implements user authentication via a token, ability to list all files, upload a new file, view a file, change file permissions and generate thumbnails for images
- ❖ Technologies: Javascript (ES6), mongoDB, Redis, NodeJs, Express, Bull
- ❖ Available: https://github.com/DrPlain/alx-files_manager

Airbnb clone:

- ❖ This project was my introduction into full stack web development
- ❖ I wrote a console script in python which is a command line utility for Airbnb
- ❖ Deployed the web static in AWS server
- ❖ Built an API for different endpoints
- ❖ Available: https://github.com/DrPlain/AirBnB_clone

Simple Shell:

- ❖ Part of a team of two that developed a command-line shell in C, supporting basic commands and shell functionalities.
- ❖ Available: https://github.com/DrPlain/Simple_shell

Monty Interpreter:

- ❖ Implemented an interpreter for the Monty scripting language in C, supporting various operations and commands.
- ❖ Available: <https://github.com/DrPlain/monty>