Alan Elias

Senior Software Engineer

Back-End
Front-End
Mobile Dev

2016 2017 2018 2019 2020 2021 2022 2023
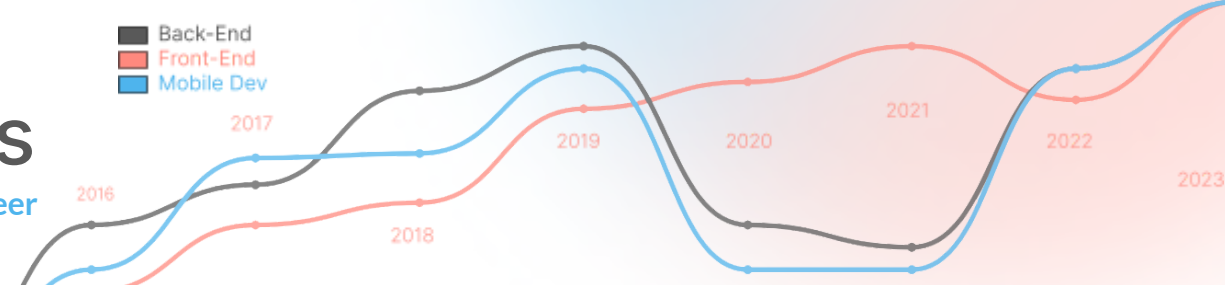
SUMMARY

Senior Software Engineer with 8 years of experience in full stack development, specializing in ReactJS and VueJS for front-end development and architecting microservices for robust, scalable software solutions. Proficient in Python, Java, PHP, JavaScript, HTML, and CSS, with a strong track record of designing, building, and deploying secure systems across diverse platforms.

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📍 Costa Mesa, CA 92626

✉️ alan@elias.fyi

in linkedin.com/in/alanwelias

PROFESSIONAL EXPERIENCE

Senior Software Engineer - Full Stack (Remote)
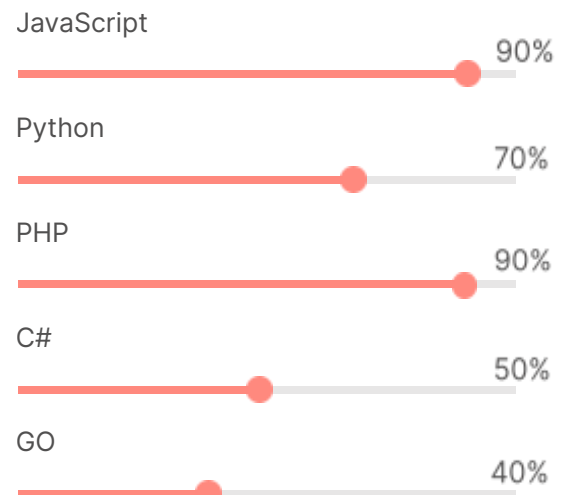BlackBerry Cylance, CA, Irvine │ Jul 2019 - Aug 2023

- Led a comprehensive permissions system (RBAC) project across multiple teams, laying the infrastructure foundation, and played a pivotal role in its successful completion. Also contributed to the Behavior Detection Engine (BDE) project, delivering innovative features.

- Enhanced authentication mechanisms and implemented fresh functionalities within microservices, successfully deploying them to production.

- Took over the mobile threat defense (MTD) project and achieved a successful deployment to production.

- Assumed a leadership role in maintaining the UI mono repository infrastructure, hosting multiple projects, and effectively resolved complex performance issues related to PR builds, reducing build times. also Led the migration of applications from the mono repository to more optimized locations while providing guidance and mentorship to developers throughout the app migration process.

- Undertook on-call responsibilities to promptly resolve customer-facing issues involving microservices and cloud services during late nights.
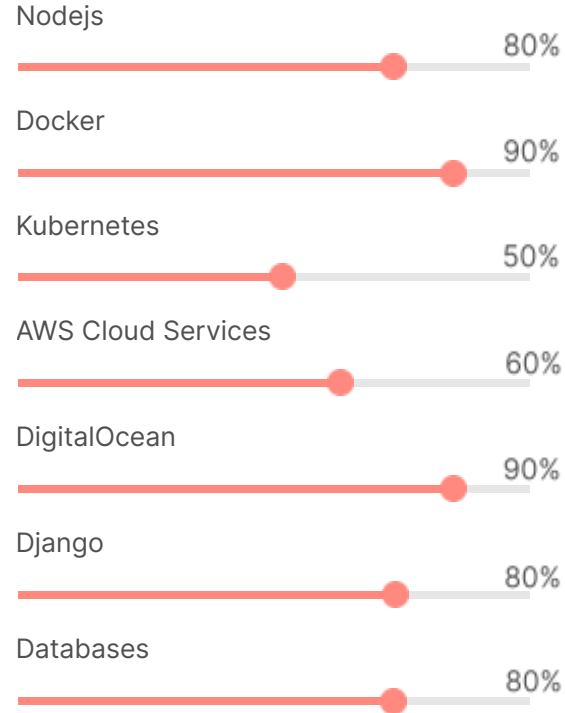
Sr Developer/Mobile Development (On-site)
Serrf Corp, CA, Costa Mesa │ Jun 2016 - May 2019

- Developed and managed high-traffic mobile applications for Android and Apple, driving increased bidders and sales.

- Created a platform for designers to upload designs, facilitating the production of purses and jewelry by vendors.

- Maintained and improved legacy code for the auction platform and its API.

LANGUAGE SKILLS

Skill	Level
JavaScript	90%
Python	70%
PHP	90%
C#	50%
GO	40%

BACK-END SKILLS

Skill	Level
Nodejs	80%
Docker	90%
Kubernetes	50%
AWS Cloud Services	60%
DigitalOcean	90%
Django	80%
Databases	80%

Includes MongoDB, Postgresql, Mysql, Nginx, Laravel, Apache, Redix, Bash, Linux

Full-Stack Web Developer (On-site)
Gigasavvy, US, CA, Irvine │ May 2015 - Mar 2016

- Spearheaded the conceptualization, development, and successful implementation of applications for prominent websites such as springboardauto.com, kbs.com, and Jim Carrey's Foundation website betterufoundation.org, among others.

- Created a robot from scratch using Arduino boards with C++
- Utilized servos and sensors for precise control and movements.
- Integrated an Android phone as the robot's "brain" with an animated face with Java.
- Achieved 360-degree horizontal and 90-degree vertical robot head movement capabilities.
- Implemented audio input/output for hearing and speaking.
- Incorporated a camera for visual perception.
- Designed a sophisticated and well-organized wiring box.
- Established a Bluetooth connection between the "brain" and the "body".
- Future plans include integrating cloud and AI functionality.

Laravel Mix Api
Open Source │ July 2016 - Present

🔗 https://github.com/alanelias/laravel-mix-api

- NPM package for Laravel Mix and Webpack.
- Simplifies asset organization in large projects and mono repos.
- Offers a clean structure for images, JavaScript, and stylesheets.
- Enables building extensive projects or multiple apps under a single repo.
- Easily configure tasks with commands like npm run watch --api="templates:admin,chat&js".
- Streamlines Webpack functions into familiar and simple commands.
- Breaks down project assets into templates, utilizing JSON files.
- Optimizes asset loading by keeping assets minimal per page.

EDUCATION

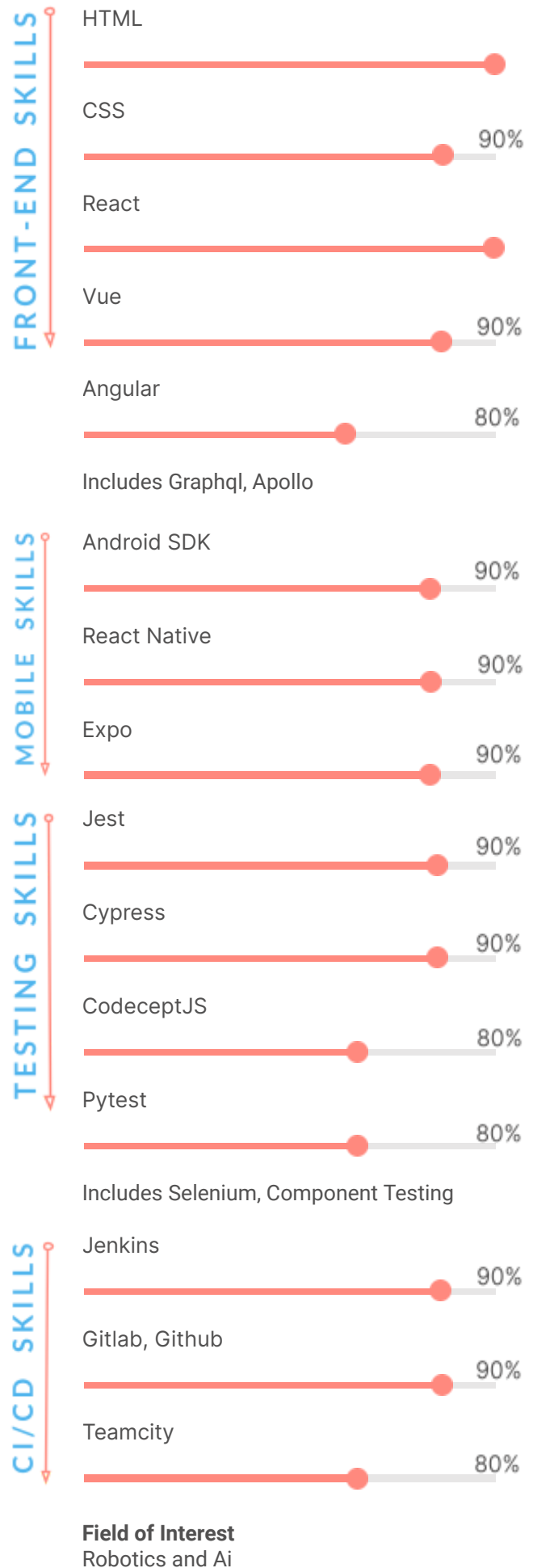### Bachelor Of Business Administration
Tishreen University, Syria, Lattakia | 2006

Web Design and Programming
American Academy for Management & Technology | 2004

Android Developer
Udacity • 2016

FRONT-END SKILLS

HTML

CSS — 90%

React

Vue — 90%

Angular — 80%

Includes Graphql, Apollo

MOBILE SKILLS

Android SDK — 90%

React Native — 90%

Expo — 90%

TESTING SKILLS

Jest — 90%

Cypress — 90%

CodeceptJS — 80%

Pytest — 80%

Includes Selenium, Component Testing

CI/CD SKILLS

Jenkins — 90%

Gitlab, Github — 90%

Teamcity — 80%

Field of Interest
Robotics and Ai