

Djebouh Salim

BACKEND ENGINEER · CHIEF TECHNOLOGY OFFICER

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“He who says he can and he who says he can't are both usually right”

Summary

Current Chief Technology Officer and Lead Developer at start-up company Zidweb. 5+ years experience specializing in the backend development, infrastructure automation, and data structures and pattern architecture. Super nerd who loves Vim, Linux and OS X and enjoys to customize all of the development environment. Interested in devising a better problem-solving method for challenging tasks, and learning new technologies and tools if the need arises.

Skills

DevOps	Linux, Digital Ocean, Vagrant, Travis CI, GitHub Actions, CloudFlare, Stripe, Algolia, Pusher, Vonage
Back-end	Laravel, NodeJS, ASP.NET Core, MySQL, Redis, REST API, Swagger
Front-end	VueJS, Vuex, Nuxt, WebPack, Babel, HTML5, CSS3, Vuetify Material, TWBS, jQuery
Programming Languages	C#, PHP, Python, Perl, Java, Ruby, Objective-C, Swift, C/C++, BASH, ASM x86_64 AT&T, D English, French, Arabic

Work Experience

Zidweb, LLC.

Oran, Algeria

CO-FOUNDER, CTO AND LEAD DEVELOPER

Feb. 2020 - Present

- Provisioned an easily manageable hybrid infrastructure(Digital Ocean Droplets + On-premise) utilizing IaC(Infrastructure as Code) tools like Sentry and OpenVPN
- Manage all DevOps and third party services integration (CloudFlare, Forge, Algolia, Pusher, Vonage)
- Built fully automated CI/CD pipelines on Travis CI and GitHub Actions for containerized applications using Docker and Vagrant.
- Implemented, documented RESTful API server for directory listing application(Easy Help in Google Play).
- Wrote and deployed several small scale apps like shopping carts.
- Restructured a +40 million records database of automotive spare parts catalog and implemented a web interface for it
- Created a medical platform to manage requests for operations abroad as well as handle transportation and hotel booking
- Created Backend in Laravel + Frontend in NuxtJS for an ELO Boosting gaming service.

Didata LLC.

Zürich, Switzerland

FULL STACK SOFTWARE ENGINEER

March. 2020 - April. 2020

- Wrote example testing data seeders for BioLab research application
- Implemented an ACL architecture for Backend API
- Wrote mutations mapping module for state management following the Flux pattern for the Frontend application
- Implemented several CRUD models

Upwork.

Germany

FREELANCE BACKEND DEVELOPER

Feb. 2020

- Wrote and integrated a library for ActiveCampaign mailing lists and contact
- Upgraded framework and libraries versions and refactored code accordingly

EURL PAKIKI

Kuala Lumpur, Malaysia

ACCOUNTING AND RESEARCH OPERATIONS

Nov. 2019 - Dec. 2019

- Implemented several data collection and visualization graphs for sales and expenses of the corporation
- Created an instant search iPad application implementing Algolia as well as Apple ARKit 4 for vendors in showrooms
- Installed an configured an RTMP server for live camera feed

A-Tech Solutions LLC.

Algiers, Algeria

FULL STACK WEB DEVELOPER

Jan. 2019 - March. 2019

- Wrote an HRM Module in ASP.NET Core for an ERP Platform
- Ported an existing application to Linux environment
- Wrote a CRUD view module in AngularJS

SARL TPHST.

Algiers, Algeria

INTERNATIONAL RELATIONS CONSULTING AND IT SUPPORT

Feb. 2018 - Sep. 2019

- Managed foreign partners (BSolar, AcoClara, Aquamarine and Leica) meetings, calls and emails
- Done market research for importing machinery from the EU
- Created an API client in C for fingerprint based office employees check-in device
- Configured cloud based backing and syncing services for documents across the administration
- Automated documents scanning by integrating a third party OCR service in Windows

Bitshopit

CO-FOUNDER AND LEAD DEVELOPER

- FIFA 2018 video streaming site, implemented RTMP, Redis queues, ffmpeg encoding, VideoJS HLS and Google IMA VAST
- Database architecture, business logic and API integration of Binance cryptocurrency exchange platform
- Created a webfront site for a medical clinic and managed its SEO to top Google hits and Alexa rank

Algiers, Algeria

Apr. 2018 - Dec. 2018

AlgoTech Orestor LLC.

LEAD DEVELOPER AND SYSTEM ADMIN

- Created an automated online store shopping cart with themes and ordering system
- Implemented the deployment infrastructure on Linux Debian via bind9 and automated nginx configuration

Algiers, Algeria

Mar. 2017 - Dec. 2017

MNI Martship

FULL STACK WEB DEVELOPER

- Wrote the RTL version of the shopping section on company's site
- Implemented responsive and re-sizable media for faster page loads

Algiers, Algeria

Jun. 2017, Aug. 2017

Galaxy EDU

FULL STACK WEB DEVELOPER

- Created a web based private school management system with online level testing system and evaluation
- Wrote Microsoft Office Excel add-ons in VBA to integrated an HRM module

Boumerdas, Algeria

Aug. 2016, Mar. 2017

Honors & Awards

INTERNATIONAL

2016-2021 **Top %5**, Overall Stack Overflow members

International

2018-2021 **Top #37**, PHP ranking GitHub awards

Amsterdam,
Netherlands

DOMESTIC

2021 **1st Place**, Most Active GitHub contributor

Algeria

Presentation

GDG Conference

PRESENTER FOR <MACHINE LEARNING THEORY>

- Introduced the theory of machine learning genetic algorithms with an analogy of evolutionary biology
- Introduced how machine learning algorithms work with an implementation of an SAT resolver in symbolic regression

Blida, Algeria

Nov. 2017

CSC Club VCS event

SPEAKER <PRODUCTIVE GIT AND GITHUB WORKFLOWS>

- A step by step guide & live demo of GitHub teams workflow, from forks to clones to issues and pull requests to merges and releases.

Blida, Algeria

May. 2017

OpenMinds Linux install party

A LOOK INTO THE KERNEL INTERNALS>

- A brief talk about the Linux kernel source tree and subsystems with a short introduction to OSDev

Algiers, Algeria

Apr. 2017

Education

Harvard University

HARVARD CS50

- Passed final tests creating a web server and reverse proxy in C.

Remote

Oct. 2017 - Jan. 2018

USTHB University

FIRST YEAR MATHS AND COMPUTER SCIENCE

- Dropped out due to outdated material and language barrier (French), switched to self education

Algiers, Algeria

Sep. 2016 - Oct. 2017

Lounici Ali University

FINAL YEAR ENGLISH LITERATURE

- Dropped out due to lack of interest, switched to computer science

Blida, Algeria

Sep. 2013 - Jan. 2016