BOULICHE AHMED

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SUMMARY —
I have extensive experience in full-stack development and infrastructure automation, designed RESTful APIs with Laravel and Vue.js, implemented dynamic user interfaces, and managed state using Pinia and Eloquent ORM. Additionally, I automated cloud infrastructure provisioning across AWS, GCP, and Azure using Terraform and automated the creation and configuration of infrastructure resources using IAC tools.

PROFESSIONAL EXPERIENCE

Fullstack Software engineer   **Decemeber 2024 – Present**
Ayrade

Parc auto, Project management/ fullstack software engineer   **December 2023 – October 2024**
M2iservices

– Designed and developed RESTful APIs using Laravel, enabling seamless data communication between the frontend and backend.
– Implemented dynamic user interfaces with Vue.js, creating responsive and interactive web pages using reusable components.
– Managed state efficiently using Pinia on the frontend and Eloquent ORM on the backend, ensuring data consistency and optimized performance.
– Developed authentication and authorization systems using Laravel's Spatie and Vue.js, ensuring secure access control across the application.
– Managed complex database interactions in Laravel with Eloquent, including queries, joins, and migrations, ensuring smooth database operations.
– Optimized application performance on both sides: lazy loading Vue.js components on the frontend and using caching strategies (Redis, Memcached) on the backend.
– Handled form validation with Vue.js for frontend data binding and Laravel validation for backend data security.
– Created custom reusable components ensuring code modularity and maintainability.
– Utilized job queues and scheduling in Laravel to handle background tasks, ensuring smooth application performance during heavy usage.
– Automated deployement and management of backend applications with CI/CD pipelines.

Infrastructure automation / insfrastructure automation engineer   **January 2023 – December 2023**
infraxcode

– Automated multi-cloud infrastructure creation across AWS, GCP, and Azure using Terraform, including VPCs, subnets, gateways, security groups, route tables, virtual machines, and various load balancers.
– Built and managed GCP infrastructure components such as networks, routers, NAT routers, firewalls, instances, and load balancers using Terraform.
– Automated network infrastructure tasks in Netbox by creating tenants, VRFs, prefixes, IP addresses, interfaces, port channels, and VLANs using Ansible on AWS VMs.
– Automated credential store management in RoyalTS by creating stores, documents, folders, credentials, and connections (SSH, RDP) using Ansible, PowerShell, and WinRM on AWS VMs.
– Deployed and configured Netbox by installing its requirements (PostgreSQL, Redis, Apache2, Django) on single and multi-instance setups with PostgreSQL replicas.
– Documented automation requirements and ensured proper configurations for Netbox and RoyalTS.

Doctor appointement, Crop dataset api, library inventory / insfrastructure automation engineer   **January 2022 – july 2022**
freelance

– Designed and developed RESTful APIs using Laravel, enabling seamless data communication between the frontend and backend.
– Managed complex database interactions in Laravel with Eloquent, including queries, joins, and migrations, ensuring smooth database operations.

EDUCATION

Master in Software engineering and information processing
University of M'hamed Bougara Boumerdes   *2022*
Bachelor in Computer System
University of M'hamed Bougara Boumerdes   *2017*

TECHNICAL COMPETENCIES

Automation	Terraform, Ansible, Python, lua, golang.	**containerisation**	Docker
Cloud	AWS, GCP.	**orchestration**	kubernetes, camunda
Languages	Python, Bash, PHP, Powershell, javascript, java.	**back-end**	Laravel, Django, FastAPI, Flask, Mysql, postgresql, Oracle, Redis
Version control	git/github, git/gitlab	**front-end**	Vue.js, React.js
CI/CD	github actions	**hard skills**	Objectif oriented, team player, best practice and convention practioner, time optimized planning.
OS	Debian, Ubuntu, CentOS, endeavourOs, manjaro.		