

Dragos BUNDUC

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Profile

As a passionate Full Stack Developer with over 5 years of experience, I specialize in building scalable, secure, and high-performing web applications. My expertise spans across frontend and backend technologies, including React, Node.js, PHP, and Laravel, with a strong focus on modern cloud technologies like AWS and Terraform. I thrive in agile environments, consistently delivering high-quality software solutions through clean code and continuous integration practices. My experience includes developing B2B platforms, maintaining production systems, and architecting RESTful APIs, as well as leveraging cloud services to ensure seamless deployment and scalability. I am committed to staying ahead of the curve with emerging technologies and best practices to solve complex challenges and contribute to the success of the teams I work with.

Experience

12/2022 – Present

Full Stack Developer – Haufe Group Romania

B2B Learning and Development platform.

Frontend Development : Designed and implemented the user interface from our designer using React.

Backend Development : Built the backend API using Node.js, integrating with Neo4j

AWS Integration : Deployed the application on Amazon Web Services (AWS), configuring EC2 instances, S3 storage, and CloudFront for static site hosting and Terraform. Implemented continuous integration and deployment (CI/CD) pipelines using Gitlab.

04/2022 – 04/2023

Full Stack Developer - Pentalog

Maintaining and bug fixing two news websites for a French client using Node, Express, AWS. Working on rewriting the websites in Nuxt.js framework

11/2021 – 11/2022

ServiceNow Developer – Deloitte

Implementing and maintaining aPaaS using Javascript

07/2020 – 07/2021

Junior Backend Developer - Touch-Media

Developing web and mobile applications using Laravel and React.

Implementing cross-platform APIs and client's admin tools

Education

2019 – 2021

Ovidius University of Constanta, Master in Distributed Multi-Modal Virtual Environments

Developing web apps, learning about computer architecture, databases, and building virtual and augmented reality software.

2016 – 2019

Ovidius University of Constanta, BSc in Computer Science

Graduated with 9.80 out of 10

Thesis: Face Detection and Eye Tracking with Application in Automotive Industry

Software

- Javascript
- PHP
- React
- Node
- Laravel
- MongoDB
- Docker
- Express
- Git
- Python
- AWS
- Terraform

Projects

Pizza San Marco

This restaurant needed a web and mobile app. This was my first complete project from front-end, back-end to deployment. The app's web version was built with HTML, CSS, and pure **Javascript**. The back-end was made in **PHP** with the help of the framework **Laravel** following the **MVC** architecture. The mobile version of the app was made in **React Native** for both the android phones and iPhones using the same PHP back-end. During this project, I worked directly with the client to make sure the requirements are met. The client had an **API** in place with all the products and ingredients. We customized the **CMS** to work with the client's API, this way we made sure that the prices and products changes reflect on the web and mobile apps no matter where they are changed, API/CMS. The client also required to implement a 3rd party **payment processor** for online payments.

Doctor Cabinet Synevo

A platform for doctors to keep track of their patients from diagnostics to prescriptions and more. In this project, I worked with Synevo's team to connect the front-end with their back-end using **REST API** endpoints. The front-end was built with **React** as a **PWA**. We worked in an **agile** environment with tasks each day and weekly meetings. As a platform, we used **Azure** for tasks, deployment, **CI/CD**, and versioning with **Git**.

Personal Projects

Travelers

My goal with this project was to master **Node** by building a real-world **RESTful API** (includes filters, sorts, pagination) and web app with authentication, Node.js security, and payments following the **MVC** architecture. In this project, I learned **CRUD** operations with **MongoDB** and **Mongoose**, how to work with data in **NoSQL** databases (including geospatial data), security, encryption, sanitization, and rate-limiting. Learned how Node works behind the scenes: event loop, blocking vs non-blocking code, streams, modules. Implemented advanced authentication and authorization (including password reset), server-side website rendering with **EJS** templates, sending emails and uploading files, endpoint testing, and documentation with **Postman**.

Home Server

Repurposing my old computer I turned it into a home Linux server where I host **containerized** apps with **docker**. I manage subdomains by reverse proxying with **Nginx**. This server is home to my website and personal projects, cloud storage for me and my family, home automation, and home media streaming. This server is also the place where my apps self-deploy from **GitLab** after a simple "git push", each in their custom docker container and subdomain.