Vădean Flaviu-Alexandru

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✦ vadean-alex-portfolio.netlify.app/

Having a deep appreciation for both technology and art, computer science has granted me the opportunity to merge these passions.

Experience

Intern - Full Stack Web Developer   04/2023 − 08/2023
Cicada Technologies
- Developed and tested components and features for Next.js projects, while also handling backend development using Python, REST APIs, and PostgreSQL.
- Designed and implemented a web application using Python that utilizes AI to extract specific data from given PDF files and calculate probabilities based on provided Excel files, alongside studying the technology.
- Built a Python tool for extracting and exporting data from Trello boards into Excel files.

Apprentice Web Developer   07/2022 − 08/2022
Transart
- Joined Transart's apprenticeship program to gain foundational knowledge in JavaScript, databases, and REST APIs.
- Created several CRUD projects using Google's Firebase, Dexie.js, and ASP.NET.

Projects

TerraTech
(React Router, React Redux, TypeScript, Spring Boot, PostgreSQL)
- A full-stack web application using React and Spring Boot, featuring authentication with distinct user roles implemented through Spring Security, including Admin, Manager, and Employee.
- Each role comes with unique restrictions, with a primary focus on implementing user-friendly CRUD operations and providing comprehensive statistics across multiple teams.

Povestea lui Harap-Alb
(React Router, React Redux, Phaser, Material UI, Spring Boot, PostgreSQL)
- A full-stack, pixelated, top-down 2D web game inspired by 'Povestea lui Harap-Alb'.
- User-friendly UI made with React, and authentication implemented using Spring Boot and Spring Security.
- Various mini-games offer the possibility to achieve high scores and appear on the leaderboards.

Education

Faculty of Mathematics and Computer Science   2020 − 2023
Babes-Bolyai University
- I graduated the Faculty of Mathematics and Computer Science in English at Babes-Bolyai University.
- Covered the basics in various programming languages, including Python, C++, Java, Bash, and SQL.

Technical (IT) Skills

Tools
Visual Studio, PyCharm, Visual Studio Code, IntelliJ, Postman, Docker

Database Management
MSSQL, PostgreSQL

Programming Languages
JavaScript, TypeScript, Java, Python

Version Control
Git

Frameworks and Libraries
React, React Redux, React Router, Next.js, Spring Boot, Material UI, JUnit 5, Mockito, Vue.js

Soft Skills

Communication, Teamwork, Flexibility, Problem Solving, Open-mindedness

Interests

Programming, Game developing, Content creation, Technology

Languages

English *(Cambridge English: Advanced (C1))*, **Italian** *(A1)*