

Ovidiu Doru Borze

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Summary

Dynamic and motivated computing science graduate with a robust foundation in software development, and problem-solving. Proactive learner who actively seeks challenges and ready to make tangible contributions in technology-driven environments. Eager to collaborate with innovative teams in the IT sector to deepen my understanding and refine my expertise. Driven by curiosity and a genuine passion for tech innovation. Available for full-time roles and prepared to commence work immediately.

Skills

Computing Science & Data Structures

Algorithms (Sorting, Searching), Data Structures (Linked Lists, Trees, Graphs), Computational Complexity (Big O Notation), Software Engineering Principles (Agile, SDLC), Artificial Intelligence (Machine Learning)

Programming Languages

Python, C, HTML/CSS, Java, JavaScript, React.js, Redux, TypeScript, Node.js, Express.js, PHP, MySQL, Draw.io, Figma, Postgres, MongoDB, Firebase, Microsoft Office, Git, GitHub

Communication & Interpersonal

Teamwork and Collaboration, Effective Communication English and Romanian (Verbal and Written), Problem Solving and Critical Thinking, Adaptability, Leadership

Work Experience

10zymer | Software Developer Internship

Remote, UK | **October 2023 - Present**

- Analysing the design of the 10zymer platform to ensure optimal user experience and functionality.
- Working within the development team to implement a solution for both a website and mobile application tailored to 10zymer's vision
- Implementing and testing product access features (tests, branded items, services, subscriptions) across both app (React Native, Tailwind CSS, Flutter Auth, Supabase) and web platform (Next Js, Next UI, Tailwind CSS, NextAuth, tRPC, Prisma) while managing the projects on GitHub and ensuring seamless integrations with Stripe for payments and subscriptions.
- Investigating and compiling documentation on tools to assist the team throughout the development process

Education

Solent University School of Media Arts and Technology |

BSc (Hons) Computing with Foundation Year

London, UK | **Feb 2020 - September 2023**

Expected Grade | **1st Class**

Modules: Contemporary Web Application, Web Application Development, Object Oriented Design and Development (OOP), Problem Solving Through Programming, User Experience (UX), UX Strategies, Human Computer Interaction (HCI), Digital Media Technologies, Data Science, Advanced Database Systems, Data Analysis, Tools and Application, Analytics and Business Intelligence

Bratca Theoretic NR-1 High School |

International Baccalaureate Diploma

Bihor, Romania | **2009 - 2013**

Overall Grade | **7/10**

Modules: Mathematics, English, Biology, Information Technology, Romanian Language

Academic Projects

Dissertation Project | AlzUnified Mobile Application

2 October 2023

- Designed and developed the "AlzUnified" mobile application specific for Alzheimer's patients, aiming to improve wellbeing and quality of life for patients.
- Tools used: Flutter, Nodejs, MySQL, Name.com (alzunified.live), Figma, Draw.io, VisualParadigm, Edit.com, Github, Teams etc.
- Achievements: Successfully developed a comprehensive solution to address the unique needs of Alzheimer's patients, offering an integrated platform to support medication management, daily tasks, and emergency contact handling.

Industrial Consulting Project | EzePost Web Application

24 September 2023

- Group 3 Technology Limited created a desktop application, 'EZE POST', for secure file transfers. A dedicated website was essential to cater to both customer and administrative functions.
- Tools used: PHP with Laravel framework, Stripe and MySQL
- Achievements: Successfully developed the EzePost Web Application, enabling users to send, receive, and view files seamlessly via the platform. As a client project, it was a significant achievement that Group 3 Technology Limited was both impressed and delighted with the final product.

Contemporary Web Application | Forum SPA

7 June 2023

- Solent University students faced challenges in continuous connectivity, which impacted their sense of community and hindered meaningful interactions. There was a pressing need for a dedicated platform to promote seamless communication, encourage knowledge sharing, and nurture significant connections among students.
- Tools Used: React (for the frontend development) and Firebase (for backend services and real-time data handling).

- There was a need for an online platform where users could easily search and find information on accommodations such as hotels, bed and breakfasts, and hostels.
- To accomplish this project, SQL database, REST API, Nodejs, Express, AJAX, JavaScript, HTML, CSS, Leaflet (OpenStreetMap), Passport for authentication, file-upload facilities, a mock “payment” system etc was used.

Advanced Database Systems | Online Game Store**7 June 2022**

- Develop a data-driven full-stack web application for an E-Commerce platform, specifically focusing on a game store. The application efficiently expose Create, Read, Update, and Delete (CRUD) operations for one or more databases.
- Tools & Technologies: Frontend: React js, Redux, HTML, CSS, Backend: Node js, Express js, Database: MongoDB (Atlas & Compass Desktop)

Certifications

JPMorgan Chase & Co. | Software Engineer Virtual Experience**20 January 2023**

- Interfaced with a stock price data feed, made code modifications, and ensured accurate stock price computations using bid and ask prices.
- Utilized JPMC-specific frameworks and tools to refine application functionality and optimize user experience.
- Implemented a line graph to visually represent processed stock data, aiding traders with comprehensive insights.
- Skills Acquired: React.js, TypeScript, HTML5, CSS, Bootstrap, Python, Nodejs, Full-Stack Development, API Integration, JavaScript, JSON, HTTP Protocols, Data Analysis, GUI Design, Data Streaming.

Python Mega Course | Udemy**27 November 2022**

- The course objective was to learn the basics of Python and to create 18 Real Word Applications
- The main tool used was Python with (Django, Flask, Folium, Pandas, Bokeh, Matplotlib, Jupyter Notebook, Heroku, PythonAnywhere, Sqlite3, Tkinter, Kivy, Json, Geopy, Cv2, BeautifulSoup etc.), PostgreSQL, HTML, CSS etc.

Data Structures and Algorithms Certification | Udemy**12 Feb 2023**

- Engaged in in-depth exploration of fundamental and advanced data structures.
- Participated in hands-on projects and challenges to reinforce learning and practical application.

Extra Curriculars

- Part of High school football team (won gold medal at the town level in 2012)
- Keen interest in Swimming, Tennis, Volleyball and Basketball
- Passionate about experimenting with and mixing music