**Lucian Balan** *Full stack developer*

christoperw818@gmail.com

+40733200800



 Brasov, Romania  10/10/1995

https://[www.linkedin](http://www.linkedin).com/in/lucian-balan-1145982b1

**Profile**

Highly experienced, solution-oriented professional with over 9 years of distinguished background in overseeing all aspects of the Software Development Life Cycle (SLDC), from extensive analysis and design to execution and maintenance. Proficiently utilizes a variety of Java technologies to deliver high-quality, cost-effective applications/systems to increase organizational efficiency and productivity. In particular, we have carried out many map-related projects using Mapbox, Openlayers, and OpenStreetMap in the fields of education, logistics, retail, agriculture, and IoT. I also experienced various Web3, NFT, DApp, and De-Fi technologies from blockchain startups. I am passionate about always staying on top of the latest trends and technologies to provide cutting- edge solutions that drive business growth and success.

**Professional Experience**

# [Blockchain Developer](https://www.raini.io/)

[*Raini Studios*](https://www.raini.io/)

Experienced in building NFT marketplaces and DeFi/DApp development with token protocols such as ERC20, ERC21, ERC721, ERC-1155, and Opensea.

Developed smart contracts for NFT minting and token transfer. Expertly integrated web3.js with React front-end to create a robust and secure communication channel for sending and receiving API requests and events with smart contracts and custom backends. Designed and developed over 100 visually stunning and highly functional components using SCSS and React custom hooks.

Wallet development (HOT /COLD/ETHER/P2P/ ETH WALLET) Integrated Cryptocurrency In Website

# [Senior Full-stack developer](https://withsocrates.com/)

[*Education Revolution LLC*](https://withsocrates.com/)

Maintained and revamped K-8 education website for kids with Java and frontend technologies.

Implemented dashboard and educational playground with Mapbox. Analyzed requirements and developed new micro-services using Spring boot / Struts / Golang Gin / Nest.js.

Configured Java backend with Spring Security for authentication and authorization purposes.

Actively involved in the design and preparation of JUnit tests for better quality of the micro-services.

Maintained load-balanced education backend infra using Zookeeper, Apache Kafka, RabbitMQ, Hadoop and HAProxy/Nginx.

04/2020 – 09/2023

remote, Australia

02/2021 – 05/2023

Remote, United States

Developed and revamped 70+ frontend pages to provide elegant data visualization with TypeScript, React, Angular and Vue.js which are interacting with Restful APIs, - Apollo GraphQL and Web Socket.

Developed performance-optimized React components with hook, memo and Redis caching, improved frontend performance by 30%. Modulized authenticated AJAX and third-party API access code by React hook.

Designed and implemented payment plan models for different types of users and integrated Chargebee subscription with their APIs and webhooks to ensure smooth and - efficient payment processing.

Implemented frontend unit tests using Jest / Enzyme and E2E testing using Cypress.

Reviewed code, debugged and corrected issues, and merged 700+ pull requests with Github, ensuring the quality and stability of the codebase

# [Full-stack developer](https://reliablecouriers.com/)

[*Reliable Couriers*](https://reliablecouriers.com/)

Developed new architecture of Phoenix 's leading delivery service, increased sales rate by 30%

Implemented advanced planning and tracking dashboard with Google Map and Mapbox and processed geolocation data.

Writing Restful APIs and microservices to meet product needs using Spring Boot, Struts, Golang and Swagger.

Lead 3 junior developers, analyzed product requirements and defined OOP and AOP modules for several novel microservices.

Designed web applications with Spring MVC, JDBC / Hibernate for data persistence, HQL for data manipulation, and Spring Security for user authentication.

Developed multi-threading microservice for order service with Golang channels and goroutines.

Implemented load balance with HaProxy/Nginx and established a wellstructured message queue system with Apache Kafka, improved overall system performance by 50 %.

Implemented Unit and integration tests for Java backend using JUnit and Mockito.

Designed and launched multiple client websites using rich front-end technologies to build dynamic UIs.

Developed various kinds of frontend using Angular.js, React.JS, Vue.JS, Next.JS and Nuxt.JS which integrated with GraphQL and Rest APIs.

Implemented unit test cases for frontend components using Cypress and Jest.

Performing Code Reviews and QA with the team, and design reviews with the requirements.

09/2017 – 12/2020

Remote, United States

**Education**

# Master degree in Computer Science

*Universitatea Transilvania din Brașov*

05/2012 – 05/2016

Brasov, Romania

**Skills**

# Languages

PHP, Python, JavaScript, Java, TypeScript, Golan, C#, Ruby

# Frontend

HTML/CSS, jQuery, React, Vue, Angular, Next, Nuxt, TailwindCSS

# Devops

Github, GitLab, Docker, BitBucket, Rravis, Jenkins

# Others

Amazon Web Services, Webpack, Babel, NPM

# WEB GIS

Google Map, Mapbox, OpenLayers, Carto, Leaflet, OpenStreetMap

**Backend** Laravel,Django,Flask,Node,Express, Nest, ASP.NET, Java Spring/Hibernate

# Database

GraphQL, MongoDB, PostgreSQL, MySQL, Redis