Vlad **Cuciureanu**

FULL-STACK DEVELOPER · EU CITIZEN

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Summary

Full-Stack Developer at Vocode (YC W23) with over 5 years of experience in web development. An enthusiast with a deep passion for all things tech. Former Linux devotee, now avid Apple enjoyer. Generalist, continuously learning new technologies and tools to effectively address challenging tasks and enhance problem-solving capabilities. Proficient in delivering robust and scalable solutions across the full technology stack.

Work Experience

Vocode (YC W23)
Remote

FULL-STACK DEVELOPER — *Jan. 2024 - Jun. 2024*

- Developed a user-facing dashboard with Next.js and Apollo, enabling non-technical users to seamlessly interact with our core product.
- Implemented a GraphQL API layer with Strawberry and Pydantic to streamline and enhance developer productivity.
- Transitioned our core API from Supabase to plain PostgreSQL, ensuring easier deployment and scalability for our infrastructure.
- Developed the company's website using Next.js, ensuring a fast, responsive, and dynamic user experience tailored to our brand.

Unicef
Remote

FULL-STACK DEVELOPER — *Dec. 2022 - Jan. 2024*

- Developed a responsive Figma-like web app with React, improving UI/UX and digitizing internal processes.
- Designed scalable microservices for a web app, ensuring flexibility and resilience.
- Built RESTful APIs in Node.js and Express.js for microservice communication.
- Implemented async messaging (e.g., Kafka, RabbitMQ) for responsive, decoupled microservice communication.
- Integrated JWT-based authentication and authorization (RBAC) mechanisms to secure user interactions across microservices.
- Leveraged Docker for efficient containerization and deployment.
- Used CI/CD pipelines (e.g., Jenkins, GitLab CI) for automated testing, building, and deploying microservices, ensuring continuous integration.
- Conducted load testing and tuned performance to optimize responsiveness and scalability under diverse workloads.

Blum
Remote

FULL-STACK DEVELOPER — *Nov. 2021 - Dec. 2022*

- Enhanced system stability by optimizing Linux kernel modules, reducing system crashes by 30%.
- Streamlined adapter development for new catalog items, cutting integration time by 60%.
- Improved boot speed by refining startup scripts, reducing boot time by 50%.

Porsche
Remote

FULL-STACK DEVELOPER — *Dec. 2020 - Nov. 2021*

- Developed and optimized the price calculation SOAP API for Volkswagen, Porsche, and Audi car configurators.
- Integrated new products into the price calculation API, ensuring accurate and up-to-date pricing across all configurators.
- Expanded upon the existing DROOLS codebase in order to give non-technical analysts access to more functions.

Cloudflight
Cluj-Napoca, Romania

FULL-STACK DEVELOPER — *Oct. 2020 - Dec. 2020*

- Developed real-time notifications with WebSockets, boosting task update visibility and enabling multiplayer capacities.
- Implemented offline functionality in the PWA, ensuring uninterrupted access.
- Integrated advanced search features, improving task retrieval speed.

Vodafone
Remote

FULL-STACK DEVELOPER — *Aug. 2020 - Oct. 2020*

- Developed a front-end MVP using Angular and RXJS for monitoring real-time data streams from factory sensors.
- Optimized a critical microservice by refactoring code, improving efficiency and scalability while reducing maintenance overhead.

Skills

Attributes	Generalist, Adaptable, Passionate, Team-player, Eager to learn
Front-end	React, Next.js, Vue, Angular, TailwindCSS, Vanilla CSS, SASS
Back-end	Express, FastAPI, Nest.js, Postgres, Redis, Prisma, REST, GraphQL
Utilities	Azure, Docker, Linux, Git
Languages	English, Romanian

Open Source Projects

CONTRIBUTOR

2022	**Astro**, Astro is the web framework for building content-driven websites.	*Node*
2022	**JSONCrack**, Visualization OSS that transforms various data formats into interactive graphs.	*React, Node*
2022	**AFFiNE**, DEFCON 19th CTF Hacking Competition World Final	*React, Node*
2021	**Seismic Risc**, Platform designed for tracking buildings at risk of collapsing in the event of an earthquake.	*React, Django*
2020	**Monitorizare Vot**, App built for monitoring polling stations and for reporting noticeable irregularities.	*React, .Net Core*

PERSONAL

2022+	**Toothpick**, Featured Bluetooth extension for Raycast. (22.0k+ Users)	*React, Node*
2022+	**Portfolio**, My personal website, digital garden and portfolio.	*Next.js, Node*
2021+	**Lyra**, Self-hosted hi-fi music streaming service.	*React, Node*
2021	**Hymn**, Open-source, non-profit, free-access music tabs repository.	*React, Node*
2020+	**Garlic Bread**, Discord bot (at first) developed as a moderation utility for my personal Discord channel.	*Node, PSQL*
2020	**CheckIt**, Minimalist checklist app created for quickly writing down action points.	*Next.js*

Recommendations

Filip Marusca

PRODUCT OWNER @ URBIO

Vlad is more than just an experienced full-stack developer; he possesses a deep understanding of both the product and business logic, which allows him to maximize their potential. My most recent collaboration with Vlad concluded merely a month ago, and the entire process unfolded seamlessly. The completion of the project was bittersweet for me, as finding reliable and seasoned developers who go above and beyond to comprehend your product and meticulously attend to every detail is a daunting task. I wholeheartedly endorse Vlad and eagerly anticipate our future collaborations. His commitment and expertise are truly unparalleled.

Stephen Handley

FULL STACK DEVELOPER @ AUTHORIUM

Vlad is an ideal collaborator for product engineering teams. He is a diligent and creative engineer with an innate sense for usability and product design, and his sense of humor and calm demeanor make him a joy to work with.

Education

Babes-Bolyai University

Cluj-Napoca, Romania

B.S. IN COMPUTER SCIENCE

Sep. 2019 - Jun. 2022

- Algorithms, data structures, operating systems, networking, databases & neural networks.