Claudiu Ionescu

Senior Full Stack Engineer

Full-stack engineer with 15+ years of experience specializing in Node.js, TypeScript, and AWS serverless architectures. I have a proven track record of building complex systems from scratch, including inventory management platforms, real-time scrapers, and automated repricing tools. My technical background is complemented by leadership training (Landmark TMLP) and experience managing international development teams.

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[in LinkedIn]   [GitHub]   [✓ Email]

Skills

Backend Development

`Node.js` `TypeScript` `Express` `Go` `Python` `REST APIs` `Socket.io` `PHP`

Frontend Development

`React` `Remix` `JavaScript (ES6+)` `Mantine UI` `Bootstrap` `jQuery` `HTML5/CSS3`

Cloud & Infrastructure (AWS)

`AWS Lambda (Serverless)` `CDK` `SST` `EC2` `RDS` `SQS` `S3`

Databases & Storage

`PostgreSQL` `MySQL` `Redis` `MongoDB` `Elasticsearch`

Browser & Extension Development

`Chrome Extensions (Manifest V3)` `WebExtensions API` `Content Scripts` `Background Service Workers` `Cross-Domain Messaging` `DOM Manipulation`

Specialized Engineering

`Web Scraping/Crawling` `PhantomJS` `Automated Repricing Engines` `Inventory Management Systems` `OAuth Implementation`

Work Experience

Senior Software Engineer
2024 → 2026

Flashpricer

Contributing to the development of a high-speed automated repricing engine for e-commerce marketplaces, focusing on feature expansion and platform stability within a serverless architecture.

- Engineered a full-stack Chrome Extension using React and Mantine to provide real-time WFS/FBA fee calculations, profit analysis, and competitor insights for Amazon and Walmart sellers.
- Developing full-stack features using React and the Remix framework with the Mantine UI library.
- Contributing to backend logic and API development powered by AWS Lambda and PostgreSQL.
- Utilizing SST (Serverless Stack) for streamlined deployment and infrastructure management on AWS.
- Collaborating on bug fixes and performance optimizations for the core repricing engine.

Lead / Senior Software Engineer
2017 → 2026

OAGenius

As the founding developer, I built the initial MVP from scratch and scaled the platform into a comprehensive inventory and order management system for Amazon and Walmart Marketplace sellers. Later contributed to the architectural migration to a modern serverless stack.

- Architected and developed the v1 platform using Node.js, Express, and MySQL, deployed on AWS EC2 and RDS.
- Engineered a high-volume web crawling system using Redis to monitor real-time price and availability across diverse supplier websites.
- Designed core inventory and order management logic specifically tailored for high-volume dropshipping workflows.
- Collaborated on the v2 platform transition to a modern stack including TypeScript, React, and AWS Lambda.
- Implemented scalable infrastructure using AWS CDK and SQS to handle increased throughput and multi-marketplace support (Walmart/Amazon).
- Maintained and adapted specialized web scraping services written in Python and Go

Chief Information Officer (CIO) / Founding Team

2021 → Present

Rosi Giving

Co-founded a non-profit fintech platform designed to centralize charitable giving and provide consolidated tax reporting. Led the technical strategy and product validation during the venture's participation in a premier university accelerator.

- Took part in the FAU Tech Runway accelerator program at Florida Atlantic University, focusing on lean startup methodology and market validation.
- Defined the technical roadmap for the giving marketplace, including user community features and tax-receipt consolidation logic.
- Managed an offshore development team in India, overseeing architectural decisions and ensuring high-quality delivery of product requirements.
- Facilitated strategic meetings between stakeholders and technical teams to align business goals with software implementation.

Web Developer (Freelance)

2016 → 2016

Digient

Developed the backend tournament engine for the online multiplayer game Rummy Passion, handling the end-to-end lifecycle of competitive gaming events.

- Architected and implemented a tournament engine to manage scheduling, player registration, and automated game execution.
- Integrated real-time communication between the frontend and game engine using Socket.io.
- Developed prize distribution logic to automatically award winners at the conclusion of tournaments.
- Utilized a technology stack consisting of Node.js, MySQL, and Redis for high-performance tournament data management.

Web Developer (Freelance)

2013 → 2016

ambimax GmbH

Collaborated as a freelance developer on multiple specialized backend and data-driven projects, focusing on web scraping and search engine optimization.

- Developed a web crawler and scraper using Node.js and PhantomJS to extract and store data from public websites in a MongoDB database.
- Built a frontend dashboard utilizing the DataTables plugin to visualize and manage crawled website information.

- Engineered a remote search API allowing for JSON data imports and high-performance indexing via Elasticsearch.
- Implemented search and autosuggestion features for imported data using a stack of Node.js, MongoDB, and Elasticsearch.

Web Developer   2012 → 2013
Abstract, s.r.o.   ● Brno, South Moravia, Czechia

Focused on frontend development and real-time backend systems, specializing in JavaScript technologies and social platform customization.

- Developed JavaScript frontend applications using jQuery and Bootstrap, including a web-based customer support chat application.
- Designed and implemented a real-time analytics system using Node.js for backend operations and Redis for high-performance data access and caching.
- Customized websites based on the Elgg social networking platform.
- Created a PHP-based Elgg module for social authentication via OAuth protocol integration (Facebook, Google, Twitter).

Junior Computer Analyst   2010 → 2012
Informatica Feroviara SA

Developed an application used for train scheduling to communicate train scheduling proposals between departments of railway circulation and keeping a database of such proposals. Provided technical support for deployed railway applications by answering tickets, analyzing issues, and troubleshooting applications.

- Developed a train scheduling communication application using C# and Microsoft SQL Server.
- Managed a database of scheduling proposals to facilitate inter-departmental communication.
- Resolved technical issues and provided troubleshooting for railway software via a ticketing system.

Education

Accelerator Program in Venture Development & Entrepreneurship   2021 → 2021
Florida Atlantic University (FAU) Tech Runway

Leadership Development in Team Management and Leadership Program (TMLP)

2018 → 2021

Landmark Worldwide

Relevant Courses:

Communication: The Power to Create   Communication: Access to Power

Bachelor's Degree in Computer Science

2006 → 2009

„Alexandru Ioan Cuza" University, Iași, Romania

Languages

Romanian - Native speaker   **English** - Full professional proficiency   **Spanish** - Beginner