







# CONTACT

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# EDUCATION

2020-2024

**BACHELOR DEGREE - ELECTRONICS, TELECOMUNICATION AND INFORMATION TECHNOLOGY**

Computer programming, Applied Informatics, Data structures and algorithms, OOP, Internet programming technologies, Information Transmission Theory, Analog and Digital Communications, Database Sql

# SKILLS

- Node.js( Express / NestJs)
- Javascript / Typescript
- PostgreSQL
- MongoDB / DynamoDb
- Rest API / GraphQL
- React
- NextJs
- HTML/ CSS/ SCSS
- Material UI / Bootstrap
- CI/CD CircleCi
- AWS / Vultur / Vercel
- Postman / Cypress / Jest / TDD
- Git (Github)
- Jira / Trello
- Figma / Canva

# PERSONAL PROJECTS

**E-commerce Website**  
Tech stack: NextJs, Typescript, Clerk, Prisma, Stripe, REST API, Express, NoSql , Tailwind, AWS

**Chat-app with videocalls**  
Tech stack: React, Express, Tailwind, Typescript, Socket.IO, Nodejs, MongoDB, REST API

**Social media application**  
Tech stack: React, Express, Tailwind, Javascript, Nodejs, MongoDB

# CIRSTEA MARCU-EDUARD

# ABOUT ME

I am a hardworking and ambitious individual with a great passion for web development and solving complex technical challenges that improve system performance and reliability. I am eager to be challenged in order to grow and further improve my programming skills.

# WORK EXPERIENCE

- Systemio Tehnologies** 20/08/2024 - Present  
Fullstack Developer - Full-time Onsite  
Tech Used : TypeScript, JavaScript, Node.js, NestJS, PostgreSQL, AWS, Lambda, EC2, S3, Cypress, GitHub, Trello, React, Next.js, HTML, CSS, Bootstrap
  - Successfully completed 9 full-stack projects for 7 different clients, consistently exceeding their expectations.
  - Delivered high-quality applications faster than the initial target deadlines, demonstrating strong time management and efficiency.
  - Handled various challenges throughout each project, resolving technical issues independently and swiftly.
  - Managed all aspects of development, from client communication and requirement gathering to design, coding, and deployment.
  - Developed a complex eCommerce platform for a major pharmaceutical company, showcasing the ability to deliver scalable and secure solutions tailored to enterprise-level needs.
  - Led cloud deployment using AWS services, integrating CI/CD pipelines to automate testing and delivery, ensuring fast, secure, and reliable application releases.
- Self-Employed - Romania** 09/2023 - Present  
Freelance FullStack Developer - Remote  
Tech Used: Node.js, NestJS, Express, MongoDB, PostgreSQL, REST API, Stripe, Netopia, AWS, Lambda, Vercel, CI/CD, Cypress, TypeScript, React, Next.js, SCSS
  - Developed full-stack web applications with a primary focus on building robust and efficient backend microservices, followed by ensuring responsive and optimized frontend performance.
  - Involved in the entire development process, from initial planning and design to implementation and deploying.
  - Worked on a wide range of projects, from SaaS platforms to eCommerce solutions, adapting to various industries and technical requirements. This included building modular systems using microservices architecture to enhance scalability and flexibility.
  - Actively collaborated with clients to ensure each project met specific requirements and business goals, ensuring long-term reliability and ease of future development.
  - Implemented integrations with external platforms and services
- Kristech** 22/01/2023 - 14/06/2023  
Freelance Frontend Developer - Part-time Remote  
Tech Used: Typescript, React, Nextjs, Cypress, Axios, React Redux, Nx Monorepo, Scss, REST API, Material UI, CI/CD, Git, TDD
  - Engaged in collaborative efforts for the design and creation of dynamic web applications, contributing across the entire development lifecycle to ensure project success.
  - Took a hands-on approach to validating the technical feasibility of UI/UX designs, seamlessly translating conceptual ideas into functional and visually captivating web applications.
  - Conducted effective testing of applications through Cypress, ensuring robust functionality and reliability

## Scraper app

Tech stack: Typescript, REST API, Puppeteer, Nestjs, PostgreSQL

## Monitoring global diseases

Tech stack: Nextjs, Typescript, Nestjs, Nodejs, PostgreSQL, Google Map API

## Test Network Speed App

Tech stack: React, Express, MariaDb, Tailwind, NodeJs, Typescript

## Extension for Amazon Relay API's Intercept

Tech stack: Html, Scss, Javascript, Tailwind

## Application for companies to calculate co2 footprint

Tech stack: Typescript, Nodejs, Nestjs, PostgreSQL, OpenAi

- Worked extensively with APIs and integrated third-party systems such as payment providers and logistics platforms, ensuring smooth interoperability and enhanced functionality.
- Developed performant and SEO-friendly frontend interfaces using Next.js, taking advantage of server-side rendering and API routes to enhance user experience.

## Laboratoare Digitale Srl

05/2022 - 12/2022

Fullstack Developer - Full-time Remote

Tech Used: Node.js, Express, MongoDB, MySQL, AWS, Vercel, Git, Jira, Cypress, React-testing library, Axios, React, JavaScript, HTML, SCSS, Figma

- Primarily focused on backend development and database architecture, ensuring secure, scalable, and efficient systems, while also contributing to frontend development using React to deliver responsive and user-friendly interfaces.
- Worked with microservices architecture to structure applications as independent, modular components, improving scalability, maintainability, and team collaboration.
- Worked extensively with APIs, both consuming third-party services and developing custom APIs to enable seamless communication between system components.
- Collaborated in the design and development of web applications, actively participating in the entire development lifecycle
- Emphasized a commitment to continuous learning, constantly exploring new technologies and methodologies to enhance development skills
- Gained hands-on experience with cloud deployment, built custom CRM systems tailored to client workflows, and integrated AI-based features to improve automation and user interaction.