

Elías Josué Castro Montero

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Software Engineer with experience building and delivering full-stack cloud-based applications. Comfortable working across the stack and collaborating with cross-functional teams to ship high-quality features. Focused on writing clean, maintainable and reliable code, and continuously improving as a developer.

EXPERIENCE

SOFTWARE ENGINEER I

02-2024 – PRESENT

Imprivata

- Delivered 15+ roadmap features involving PostgreSQL, .NET microservices, React, and Angular UIs; working closely with developers, QA, product managers, and designers to ensure timely and high-quality delivery.
- Led a full React UI redesign using a component library based on Ant Design, in collaboration with UI/UX designers, aligning the product with updated brand guidelines.
- Support scalable infrastructure by working with AWS (EC2 and S3, mainly), monitoring application performance via Dynatrace, and managing pod deployments through ArgoCD.
- Collaborate with new developers to troubleshoot frontend and backend issues, fostering team cohesion and improving onboarding experiences.

SOFTWARE ENGINEERING INTERN

07-2023 – 01-2024

Imprivata

- Developed Performance Tests using AWS and Python to evaluate response times for different workflows.
- Worked with AWS and React to implement application observability (e.g., tracing).
- Successfully resolved 10+ defects on React and Angular web applications.
- Collaborated effectively with a geographically dispersed US-based team, following agile methodologies.

SKILLS

- **Programming Languages:** HTML, CSS, SASS, JavaScript, TypeScript, Java, Python, C, C++, C#
- **Technologies:** React, React Router, Redux, Angular, Ant Design, MUI, Node.js, Express, Cypress, TestCafe, Socket.io, JWT, Selenium, .NET Core, NUnit
- **Databases:** MySQL, Oracle SQL, Firebase, MongoDB, PostgreSQL, Snowflake
- **Tools:** Git, GitHub, Amazon Web Services (AWS), Microsoft Azure, Dynatrace, Docker, Linux, Figma, Jira
- **Knowledge In:** Data Structures, Algorithms, Design Patterns, Machine Learning Fundamentals, Scrum
- **Languages:** Spanish (Native), English (Fluent)

EDUCATION & CERTIFICATE

AWS CERTIFIED CLOUD PRACTITIONER

Costa Rica

Amazon Web Services

11-2024

BACHELOR'S DEGREE IN COMPUTER ENGINEERING

San José, Costa Rica

Instituto Tecnológico de Costa Rica

02-2020 – 03-2024

PROJECTS

SOCIAL MEDIA NETWORK (Source code and info: <https://github.com/eliasjcm/react-chat-app>)

2022 – 2023

- Developed a full-stack social media platform featuring real-time chat, video calls, authentication, user profiles, friends and posts. Built end-to-end—from business logic and database design to frontend UI.

Tech Stack: React, MUI, React Router, WebRTC · Node.js, Express, Socket.io, JWT · MySQL

MOVIES APPLICATION (Source code and info: <https://github.com/eliasjcm/MoviesApp>)

2022 – 2023

- Built a web application to search and explore movies, TV shows, and actors with detailed views. Integrated extensively with the TMDB API to deliver accurate and up-to-date media information.

○ **Tech Stack:** React, React Router, SASS, TMDB API · Figma