

# Elías Josué Castro Montero

## Software Developer

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**LinkedIn:** <https://www.linkedin.com/in/eliascastrom/> • **Portfolio:** <https://eliascastro-portfolio.netlify.app/>

A final-year computer engineering student with expertise in creating complete software systems, including desktop applications and web development. Experience includes programming, requirements gathering, designing systems architectures, documentation, and testing, as part of the Software Development Life Cycle. Seeking opportunities to apply knowledge and contribute to projects while growing as a developer.

### LANGUAGES

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- **Spanish** – Native
- **English** – Fluent

### SKILLS

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- **Languages:** HTML, CSS, SASS, JavaScript, TypeScript, Java, Python, C, C++
- **Technologies:** React, React Router, Redux, MUI, Node.js, Express, Socket.io, JWT, Selenium, Cypress
- **Databases:** MySQL, Oracle SQL, Firebase, MongoDB
- **Tools:** Git, GitHub, Amazon Web Services (AWS), Microsoft Azure, Heroku, Docker, Linux, Figma, Jira
- **Knowledge In:** Data Structures, Algorithms, Design Patterns

### PROJECTS

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#### SOCIAL MEDIA NETWORK

2022 – PRESENT

Source code and more information: <https://github.com/eliasjcm/react-chat-app>

- Fully functional social media network with real-time chat and video calls.
  - Also includes authentication, user profiles, friends, posts, and likes.
- Full-Stack Project, including the development of business logic, database, and user interface.
  - Database: MySQL.
  - Frontend: React, MUI, React Router, WebRTC.
  - Backend: Node.js, Express, Socket.io, JWT.

#### MOVIES APPLICATION

2022 – PRESENT

Source code and more information: <https://github.com/eliasjcm/MoviesApp>

- Movies and TV shows web application that allows users to search for movies, TV shows and actors, and view their details.
- Front-End development based on React, React Router and SASS.
- Extensive use of the *The Movie Database* (TMDB) API to provide authentic and up-to-date information.

### EDUCATION

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#### BACHELOR'S DEGREE IN COMPUTER ENGINEERING

*Instituto Tecnológico de Costa Rica*

San José, Costa Rica

02-2020 – 03-2024

#### HIGH SCHOOL DIPLOMA

*Liceo Diurno de Ciudad Colón*

Mora, San José, Costa Rica

02-2015 – 12-2019