

# Mathias Artur Schulz

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## Experience

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### Software Developer | CI&T

Feb 2025 - Present

- Built and delivered features for a web-based sales, inventory and opportunities data platform used by sales representatives at one of the world's largest food companies.
- Improved app performance and user experience by reducing API calls, adding debounce filters, and improving state management.
- Created reusable UI components and a global style system, making development faster and ensuring UI consistency.
- Improved code quality by writing unit and end-to-end tests, increasing reliability.
- Optimized SQL queries and API endpoints, improving application performance, reducing latency and increasing security.
- Helped the team by mentoring a new developer and integrated AI tools to accelerate analysis, development and debugging processes.
- Skills: NestJS, Node.js, Vue.js, TypeScript, JavaScript, SQL Server, Git, Linux, Docker, Agile.

### Software Developer | Conectra

Mar 2021 - Jan 2025

- Designed and developed new features, performed maintenance, and fixed bugs in a web-based ERP system used by accounting, sales, and finance teams.
- Built and maintained ERP modules and automation scripts, including invoicing (NFe), dashboards, bank reconciliation, sales, inventory, orders, contracts, and budgets.
- Reviewed team code, managed pull requests, and supported the deployment of applications and microservices.
- Developed backend services and APIs, integrating databases and external systems.
- Mentored and trained new developers, promoting clean code and best practices.
- Worked in Agile teams using Scrum and Kanban, with project tracking in Jira.
- Skills: NestJS, Node.js, Vue.js, TypeScript, JavaScript, PHP, Meteor, MongoDB, PostgreSQL, Python, RabbitMQ, Docker, Git, GraphQL, Microservices, Linux, Agile.

### Software Developer (Internship) | Conectra

Mar 2019 - Feb 2021

- Developed new features and performed maintenance and bug fixes for a web-based ERP system.
- Researched and applied new technologies such as Docker, microservices, and Git.
- Participated in code reviews to ensure code quality and best practices.
- Worked in Agile teams using Scrum and Kanban, with task tracking in Jira.
- Gained hands-on experience with backend, frontend, and database development.
- Skills: Node.js, PHP, JavaScript, Meteor, MongoDB, PostgreSQL, Git, Docker, Microservices, GraphQL, Linux, Agile.

### Basic Computing Teacher | Obra Kolping do Brasil

Aug 2017 - Dec 2017

- Planned and taught basic computer classes for adult students with different levels of prior knowledge.
- Created learning materials and practical exercises, adapting content to each student's pace.

- Taught essential computer skills, including Windows, Microsoft Office (Word, Excel, PowerPoint), and internet navigation.
- Provided ongoing support and feedback to help students build confidence with technology.

## Beyond Work

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### Personal Website [[schulz.net.br](http://schulz.net.br)] | Blog, Text Comparison, Markdown Editor

- Built a personal website featuring a software development blog, a Git-based text comparison tool, and a live Markdown editor with real-time preview.
- Skills: Node.js, Vue.js, Python, Flask, TypeScript, JavaScript, MongoDB, Docker, Git, Linux.

### X Python Bot | Twitter/X Space Rover Bot

- Developed an automated Python bot that posts NASA's Astronomy Picture of the Day to Twitter/X daily, including a Portuguese translation, using the NASA and Twitter/X APIs.
- Skills: Python, Cron Job, Docker, Git, Linux, AWS EC2.

## Education

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- Postgraduate Degree, Software Engineering, Descomplica.

Apr 2023 - Feb 2024.

- Bachelor's Degree, Computer Science, IFC.

Jan 2017 - Dec 2021.