

# ORLANDO SANTIAGO CARDENAS VARGAS

## Systems Engineer

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### RESUME SUMMARY

Results-driven Systems Engineer with over 4 years of experience in full stack development. Skilled in designing, developing, and maintaining web applications using **Vue.js, Tailwind CSS, Spring Boot, and SQL**. Experienced in delivering scalable and efficient solutions while collaborating with multicultural teams across **Colombia, Spain, Germany, and the USA**. Passionate about technology innovation and continuously learning to implement cutting-edge solutions.

### WORK EXPERIENCE

SYMPLIFICA, Bogotá, Colombia

Oct 2023 - Present

#### Full Stack Developer

- Developed and optimized a high-traffic **web application** using **Vue.js, Tailwind CSS, Spring Boot, and SQL**, improving load time and maintainability by **25%**.
- Implemented key features that enhanced **user engagement and interface responsiveness**, resulting in a smoother user experience.
- Collaborated in an **Agile/Scrum** environment to ensure continuous delivery and adherence to coding best practices.

BOTSLOVERS, Madrid, Spain

Feb 2025 – Apr 2025

#### Full Stack Developer Collaborator Freelance

- Contributed to the **development and optimization of frontend and backend modules**, improving system performance by **15%**, and created new interface features.
- Enhanced **application interfaces** through responsive design and **API integrations**, increasing usability and reducing maintenance efforts.

ENTERKEY LLC, Miami, USA

Jan 2023 – June 2023

#### Ethical Hacker Freelance

- Identified and documented **20+ critical vulnerabilities** in client web systems, enabling the mitigation of high-risk exploits.
- Strengthened clients' **cybersecurity posture** by providing actionable insights and technical recommendations.

IPSOS, Bogotá, Colombia

Oct 2022 – Feb 2024

#### Analyst Survey Scripter

- Built and maintained **web-based data collection tools**, increasing operational efficiency by **20%**.
- Automated **Excel and Google Sheets** workflows, saving developers up to **10 hours weekly**.

UNIVERSITARIA DE COLOMBIA, Bogotá, Colombia

Mar 2022 – Mar 2023

#### Desarrollador Full Stack & Scrum Master – Intern

- Led a team of 8 developers to deliver **5+ full stack applications** using **Angular, ionic, Java, and C#**, boosting internal process efficiency by **30%**.
- Coordinated **Scrum ceremonies**, improving project delivery speed and communication between teams.

UNIVERSITARIA DE COLOMBIA, Bogotá, Colombia

Dec 2021 – Aug 2022

#### Web Master

- Redesigned and maintained institutional websites, increasing **traffic and accessibility** through improved frontend performance.
- Developed **custom plugins** and automated reporting processes using **Google Apps Script**, reducing manual work by **40%**.

## EDUCATION

CAMBRIAN COLLEGE, Sudbury, Canada <b>Postgraduate Degree in AI and Machine Learning</b>	<b>Sept 2025 - Present</b>
ISABEL I, Madrid, Spain <b>Master's Degree in Cybersecurity</b>	<b>Aug 2022 - Aug 2023</b>
UNIVERSITARIA DE COLOMBIA, Bogotá, Colombia <b>Degree in Systems Engineering</b>	<b>Mar 2020 - Mar 2023</b>
SENA, Bogotá, Colombia <b>Technician in Analysis and Development of Information Systems</b>	<b>Mar 2021 - Mar 2022</b>
UTP & Mision TIC, Bogotá, Colombia <b>Diploma in Mobile Application Development</b>	<b>Jul 2021 - Dec 2021</b>

## SKILLS

**Frontend Development:** · Vue.js · Tailwind CSS · HTML5 · CSS3 · JavaScript (ES6+) · TypeScript · Responsive Design · RESTful APIs · UI/UX Optimization · Angular · React · Ionic · Bootstrap

**Backend Development:** · Spring Boot · Java · C# · Node.js · Python · API Integration · MVC Architecture · Microservices · Django (basic) · PHP

**Databases & Tools:** · MySQL · PostgreSQL · SQL Server · MongoDB · ORM (Hibernate, JPA) · Supabase

**Version Control & DevOps:** · Git · GitHub · GitLab · CI/CD · Docker · AWS (basic) · Nginx

**Testing & Security:** · Unit Testing (JUnit) · Postman · Ethical Hacking · Vulnerability Assessment · Kali linux · OWASP

**Methodologies & Workflow:** · Agile · Scrum · Kanban · Team Collaboration · Code Review · Continuous Improvement

**Languages:** · English (Fluent) · Spanish (Native)