

CRISTIAN FLOREZ

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Software Developer

SUMMARY OF QUALIFICATIONS

Over 4 years' experience as a Software Developer, designing and implementing high-performance web applications serving 500,000+ users. Expert in Angular 18-20, React, and modern TypeScript ecosystems. Proven track record delivering measurable performance improvements, test coverage through Test-Driven Development. Passionate about building scalable, maintainable, and accessible frontend solutions with exceptional user experiences.

- Advanced Angular 18-20 architecture with standalone components
- Modern frontend performance optimization and Web Vitals analysis
- Component-driven development and reusable component libraries
- Reactive programming with RxJS and modern state management patterns
- Full TypeScript expertise with strict mode and advanced patterns
- Comprehensive testing practices, TDD methodology
- Responsive design and mobile-first development approach

TECHNICAL SKILLS

Frontend Frameworks & Libraries: Angular 18-20, React 18+, TypeScript 5.4+, RxJS 7+, Standalone Components, Signals, Angular Directives, Custom Hooks

UI Development & Styling: Tailwind CSS, CSS3 Animations, CSS Grid & Flexbox, Responsive Design, Mobile-First Approach, Web Font Optimization

State Management & Reactive Patterns: BehaviorSubject, RxJS Operators (switchMap, map, catchError, debounceTime), NgRx, Redux, Custom State Management, Observable Streams

Testing & Quality Assurance: Jasmine, Karma, Jest, TDD Methodology, Unit Testing, Integration Testing.

Other and DevOps: Angular CLI, npm, Git, Docker, Azure, CI/CD, Chrome DevTools

EMPLOYMENT HISTORY

Full-Stack Developer, Supreme Court of Justice, Bogota, Colombia

2022 – 2024

Website Upgrade: cortesuprema.gov.co

- Architected responsive Angular frontend serving thousands of daily users with real-time updates
- Optimized website performance by 60% through bundle size reduction, lazy loading, and change detection optimization
- Designed and built custom CMS interface enabling non-technical staff to manage content efficiently
- Ensured WCAG 2.1 AA accessibility compliance and mobile-first responsive design across all devices
- Mentored junior developers on modern Angular patterns and performance optimization techniques

Supreme Court Indexing and Search Application: consultaprovidencias.cortesuprema.gov.co

- Reduced search rendering time from minutes to milliseconds for 500,000+ documents using optimized visualization and virtual scrolling

- Built responsive Angular application with advanced filtering interface, improving search relevance by 60%
- Achieved 93% test coverage using Test-Driven Development (TDD) methodology
- Deployed to Azure with Docker containerization, ensuring enterprise-scale performance and scalability

Design/Implementation of Process Resource Management System: [ESAV.cortesuprema.gov.co](https://esav.cortesuprema.gov.co)

- Created reusable component library, reducing development time by 40% and ensuring design consistency
- Built dynamic form systems with real-time validation and multi-step workflows
- Implemented data tables with sorting, filtering, pagination, and export functionality
- Optimized performance on high-volume data pages handling thousands of concurrent records

Back-End Developer, SETI S.A.S, Bogota, Colombia

2021 – 2022

APP correct implementation and validation: davivienda.com

- Optimized frontend performance, reducing page load times by 35% through image optimization and code splitting
- Built responsive designs with mobile-first approach, ensuring cross-browser and cross-device compatibility
- Integrated REST APIs for user authentication and dynamic data retrieval
- Implemented UI animations, improving user engagement and visual feedback

Front-End Developer, Quantum Connexion, Bogota, Colombia

2019 – 2021

Website design and create: troop.com.co

- Collaborated on frontend architecture for major Colombian bank's real estate sales platform
- Implemented responsive UI components for customer onboarding experiences and property navigation
- Integrated REST and SOAP services with proper error handling and data transformation
- Built form systems for financial data entry with validation and security considerations

EDUCATION & TRAINING

English as a Second Language (C1) ESU Toronto Canada

2025

Bachelor of Computer Systems Engineering, District University, Bogota, Colombia

2023

Technologist Data Systems Diploma, District University, Bogota, Colombia

2018

First native language, Spanish

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