

Christopher Centrella

Engineer–designer building minimalist, accessible, beautiful user experiences at scale. Cut feedback cycle from 5 minutes to 5 seconds, preventing 100+ lost hours.

 calendly.com/ccentrella/swe

 linkedin.com/in/ccentrella

PROFESSIONAL EXPERIENCE

SOFTWARE ENGINEER III at Groups360

08/24 - 02/25

- Rebuilt Webpack configuration for CI/CD to remove build bottlenecks, restoring lost confidence in daily releases.
- Presented company-wide session on 10X SQLAlchemy optimization, shaping engineering best practices that scaled beyond my team.
- Reduced feedback cycle for 250+ client migration from 5 minutes to 5 seconds, preventing hundreds of lost engineering hours.
- Refactored IAM across app to deliver secure, fast, frictionless user experience.

SOFTWARE ENGINEER II at Groups360

01/23 - 08/24 (promoted)

- Modernized frontend build pipeline to support microfrontends, cut build time by over 20% and reduce developer friction.
- Coached teammate on React fundamentals, code quality, and dependency management to reduce rework.
- Consolidated React components into dynamic PostgreSQL-driven system, reducing update time by 2X to unlock faster product iteration.
- Built resilient Web API microservice, preserving critical customer communication by eliminating lost emails.

SOFTWARE ENGINEER at IBM

06/22 - 12/22

- Led React team to design and build an accessible office reservation app while mentoring juniors, cutting employee wait times 20%.
- Resolved 50+ client requests for a Fortune 500 company with 90% success, strengthening trust for enterprise customers.

SOFTWARE ENGINEER at Self-Employed

2017 - 2022

- Built React admin portal for 10+ nonprofit courses, cutting time-to-market and elevating engagement with a redesigned, user-friendly loading screen.
- Delivered 5+ client websites and led 3 major projects as early-stage engineer, earning repeat business by resolving critical outages.
- Created responsive, accessible template for educational provider, tripling device compatibility and ensuring consistent, inclusive course experience.

WORK • WRITING

 chriscentrella.com

SKILLS

Frontend & Design: React, TypeScript, JavaScript, CSS/Tailwind, Responsive & Accessible Design, Figma, Storybook

Backend & Systems: Python, Node, Flask, SQLAlchemy, API Design, Microservices, PostgreSQL, Redis

Cloud & Tooling: AWS (S3, Lambda, CloudFront, API Gateway, EC2), Docker, Kubernetes, CI/CD

Reliability: Testing (Unit/Integration, Selenium, Postman), Agile/Scrum, Performance Optimization

EDUCATION

Bachelor of Science in Computer Science, Minor in Software Engineering
Franciscan University, OH