

# 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](https://calendly.com/ccentrella/swe)

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## PROFESSIONAL EXPERIENCE

### SOFTWARE ENGINEER III at Groups360

08/24 - 02/25 (company restructure)

- 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.

### ENGINEER-DESIGNER 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](https://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