

CODY CHU

New York, NY | +1 (929) 855-6685 | chuxu200328@gmail.com | github.com/chuxu200328

PROFESSIONAL SUMMARY

Full Stack Software Engineer and education operations manager with 8 years of experience in web and mobile application development, campus operations, team leadership, parent communication, course sales, and STEM competition programs. Proven ability to manage multiple priorities independently, collaborate across teams, and deliver high-quality technical and educational outcomes.

SKILLS

Programming: JavaScript (ES6), TypeScript, Java, Python, HTML, CSS

Technologies: React, Next.js, React Native, Node.js, Express.js, PostgreSQL, Prisma, MongoDB, SASS, Tailwind CSS, Redux, Storybook

Engineering: Full Stack Development, REST APIs, Test-Driven Development, Agile Methodologies, CI/CD, Performance Optimization, Responsive Design, Web Accessibility, SEO

Management & Education: Education Management, Campus Operations, Class Management, Teacher Recruitment and Management, Student Management, Parent Communication, Course Sales, Customer Relationship Management

Leadership & Operations: Competition and Event Organization, Event Planning, VEX Robotics Competition Coordination, Team Leadership, Independent Project Execution, Multitasking, Team Collaboration, Monthly Reporting

PROFESSIONAL EXPERIENCE

FS Education

New York, NY

Location Manager

January 2025 – Present

- Manage daily campus operations, including class scheduling, teacher coordination, student administration, and the maintenance of an organized, high-quality learning environment.
- Recruit, interview, onboard, and manage teachers based on campus staffing and program needs.
- Maintain timely communication with parents regarding student progress, class updates, academic needs, and campus matters.
- Consult with prospective and current families, recommend appropriate educational programs, and support course enrollment and sales.
- Plan and organize VEX Robotics and programming competitions, including event logistics, student preparation, scheduling, and team coordination.
- Lead student teams in VEX Robotics competitions across the United States, coordinating training, travel, competition participation, and on-site team support.
- Prepare monthly campus reports covering enrollment, sales performance, staffing, student activity, program outcomes, and operational needs.

Vuelife LLC

New York, NY

Junior Software Engineer

January 2023 – December 2024

- Developed and maintained core features for a React Native mobile application, delivering a seamless experience across iOS and Android.
- Built responsive, scalable web components with React and Next.js, improving load times and user engagement by 15%.
- Integrated third-party APIs for real-time data synchronization and optimized application state management with Redux and Context API.
- Collaborated with UI/UX designers to translate mockups into pixel-perfect interfaces and contributed to code reviews, bug fixes, and continuous deployment.

BCTC Tech Consulting

New York, NY

Software Engineer II

October 2018 – May 2022

- Led cross-functional communication and external collaboration with engineering teams from third-party vendors.
- Implemented site-wide A/B testing and data-driven improvements that increased checkout conversion rates by 20% within 30 days.
- Played a key role in migrating legacy systems to modern React applications, improving performance by 30% and enhancing user experience.
- Introduced Next.js server-side rendering, optimized Prisma database queries to reduce page load times by 25%, and supported responsive, mobile-first development.

- Created API documentation, style guides, and testing contracts; conducted code reviews and helped maintain CI/CD pipelines for reliable deployments.

SELECTED PROJECTS

Office Automation — Full stack education management platform built with React, Next.js, serverless functions, PostgreSQL, Prisma, and Tailwind CSS. Supports student, cohort, course, lead, invoice, instructor, and staff management.

Vant React (Open Source) — 160+ GitHub Stars — Lightweight mobile UI component library built with React and TypeScript, featuring 60+ reusable components, comprehensive documentation, demos, and Storybook coverage. Led contributor releases and roadmap planning.

Cloudonut — Food Delivery Application — React Native application featuring menu browsing, secure payment integration, and real-time order tracking.

Veor — Emotional Support Application — React Native application with user authentication, social sign-in, daily status updates, conversation matching, and real-time individual and group chat.

Mango Coding — Real-Time Code Editor & Evaluator — Full stack coding platform built with React, Tailwind CSS, TypeScript, Node.js, Express, and Prisma. Supports Python, Java, and JavaScript exercises with AI-generated hints and answer evaluation.

EDUCATION

Pace University
Bachelor of Science in Computer Science

New York, NY
2019 – 2023