

WINSTEN COELLINS

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PROFESSIONAL PROFILE

Full-Stack Software Engineer with 3+ years of experience building scalable web applications and business software using Next.js, React.js, TypeScript, Node.js, FastAPI, and PostgreSQL. Experienced in developing RESTful APIs, enterprise integrations, cloud-based deployments, and CI/CD automation. Proven track record of improving application performance, delivering responsive user experiences, and collaborating with cross-functional teams to build reliable, high-impact solutions in agile environments.

WORK EXPERIENCE

Software Engineer

07/2023 – 09/2026

Wilmar Consultancy Services (Medan, Indonesia)

- Led and mentored developers in the migration of a legacy OutSystems application to a modern Next.js and Nest.js architecture, delivering a 40% reduction in page load times and significantly enhancing scalability and long-term maintainability.
- Delivered responsive, production-ready UI implementations across the migrated application, collaborating with cross-functional teams in an Agile environment and achieving 100% on-time delivery of key frontend milestones.
- Provided L2 engineering support for Jira incidents and enhancements, collaborating with Business System Analysts across Singapore and Europe to achieve 90%+ timely resolution for a cross-region application serving 1,000+ users.
- Coordinated end-to-end database migration from SQL Server to PostgreSQL, ensuring 99.9% data integrity, zero critical data loss, and up to 30% improved query performance.

Software Engineer (Promoted from Intern)

10/2022 – 05/2023

Umify Pte, Ltd (Remote, Singapore)

- Translated UI/UX designs into a production-ready MVP using React.js, delivering a fully responsive frontend and reducing feature iteration cycles by 30–50% through rapid prototyping and continuous user feedback.
- Owned key full-stack development initiatives, including frontend architecture, deployment, and maintenance, while collaborating closely with the Tech Lead to support ~100 monthly active users and maintain ~99% system uptime.
- Integrated OAuth authentication, Stripe payment processing, and SendGrid email services, enabling secure user flows and automated communications for the MVP.
- Collaborated directly with CEO and co-founder to define product roadmap and prioritize features, reducing feature delivery time by 25–40% through fast iteration and aligned decision-making.

Web Developer

05/2022 – 03/2023

Collaboration For Good, Inc (Madison WI, USA)

- Developed and deployed a responsive landing page by translating UI/UX designs into production-ready code, achieving ~90–100% design fidelity, improving page load performance by ~30%, and ensuring full responsiveness across mobile, tablet, and desktop.

- Coordinated with 10–30+ partner organizations participating in events to gather structured information about their operations, services, and goals, resulting in accurate and consistent listings across event materials.
- Conducted stakeholder discussions with external organizations to clarify company functions and align their objectives with event positioning, improving content clarity and reducing revision cycles by ~25–40%.

IT Assistant

10/2021 – 04/2022

McBurney Disability Resource Center (Madison WI, USA)

- Designed and implemented a barcode-based inventory check-in/check-out system, streamlining asset tracking and reducing manual entry errors by ~40–60%, improving overall inventory accuracy and operational efficiency.
- Applied HTML5 semantic structuring and WCAG accessibility principles to learning materials, improving content usability for visually impaired and neurodivergent students.
- Supported accessible learning workflows by ensuring well-structured HTML was reliably interpreted by OCR systems, enabling more accurate content extraction for students with print disabilities.

EDUCATION

Bachelor's Degree in Data Science, Cert. in Computer Science

University of Wisconsin – Madison (Madison WI, USA) | 2022

SKILLS

Language: JavaScript (ES6+), Typescript, Python, HTML5, CSS3, SQL

Framework: Next.js (SSR, SSG, ISR), React.js, Tailwind CSS, SCSS, Zustand, React Query (TanStack Query), ShadcnUI, RadixUI, Elysia.js, FastAPI, Django

Testing: Jest, React Testing Library, Vitest

Tools: Git, GitHub, Vite, Docker, Vercel, AWS (S3, RDS), Railway, Zabbix, Grafana

Practices: RESTful API integration, responsive design, web performance optimization, cross-browser compatibility, CI/CD, Agile/Scrum