

EDWIN ESCOBAR

SOFTWARE ENGINEER | WEB PLATFORMS & AI | REACT • TYPESCRIPT • NODE.JS

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PROFESSIONAL SUMMARY

Software Engineer building and owning enterprise web and AI platforms across React/TypeScript frontends, Node.js services, secure authentication, enterprise integrations, and Microsoft Azure. Currently support Honeywell Aerospace initiatives spanning AI enablement, product planning, and application development after several years building a multi-business-unit customer platform. Drive features from requirements and technical design through implementation, release, and production support while partnering across engineering, architecture, product, design, data, and business teams.

TECHNICAL SKILLS

Web: React.js, TypeScript, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, responsive design, reusable component architecture

Backend & Platform: Node.js, Express.js, REST APIs, Axios, SQL, Microsoft Azure, Azure App Services, Azure AI Services, Cosmos DB, Redis

Architecture & Integrations: OAuth 2.0 Authorization Code Flow with PKCE, Salesforce APIs, third-party APIs, session/state management, multilingual workflows

Engineering: Technical planning, system design, production incident triage, root-cause debugging, code reviews, Git, Postman, Linux, Agile/SAFe, cross-functional documentation

AI: GenAI applications, conversational AI, AI assistants, GitHub Copilot, enterprise AI enablement

PROFESSIONAL EXPERIENCE

Software Engineer (official title: IT Engineer I) | Honeywell Aerospace | Charlotte, NC | Apr 2026 - Present

- Partner with Aerospace product, architecture, business, data, and engineering stakeholders in a SAFe/Agile pod environment to shape and deliver enterprise software and AI initiatives.
- Lead Copilot adoption and AI enablement through use-case discovery, workshops, prompt guidance, internal communications, and feedback loops that turn GenAI capabilities into practical business workflows.
- Continue hands-on React/TypeScript application development, including Aerospace chatbot UI rebranding, authentication and integration enhancements, workflow improvements, and production troubleshooting.

Software Engineer (official title: IT Engineer I) | Honeywell | Charlotte, NC | May 2022 - Mar 2026

- Drove design and delivery of enterprise web application features spanning React/TypeScript interfaces, Node.js/Express services, Azure-hosted services, authentication, and enterprise API integrations used across multiple business units and customer portals.
- Owned end-to-end feature work from stakeholder requirements and technical design through implementation, testing, deployment support, and production troubleshooting; established reusable UI, authentication, multilingual, and integration patterns.
- Designed OAuth 2.0 Authorization Code Flow with PKCE and Salesforce integrations for secure customer workflows, and triaged live incidents involving messaging, session persistence, authentication, application state, and enterprise connectivity.

Software Engineer, Apprenticeship Program | Red Ventures | Charlotte, NC | Nov 2021 - Apr 2022

- Built full-stack web applications with React and Node.js in an Agile engineering environment, developing reusable UI components and integrating REST APIs for dynamic product experiences.
- Contributed through Git workflows, pull requests, code reviews, iterative feature delivery, and collaborative debugging with engineers across the development lifecycle.

SELECTED PLATFORM & PRODUCT IMPACT

Honeywell Digital Customer Agent (DCA) - Enterprise AI Customer Platform | Sep 2023 - Present

- Sustain engineering ownership across a multi-year customer-support platform serving multiple business units, spanning frontend UX, conversational workflows, backend integrations, authentication, multilingual experiences, and production reliability.
- Reduced application load time by 4+ seconds; supported proactive-chat capabilities associated with ~20% higher customer engagement and improvements that contributed to ~40% growth in live-chat volume.
- Optimized backend APIs and conversational logic, contributing to an approximately 12% year-over-year improvement in chat CSAT.

ISC Manufacturing AI Assistant

- Built responsive React/Tailwind interfaces for a GenAI assistant, translating stakeholder requirements and Figma designs into reusable production components and resolving state-management issues affecting user workflows.

Software Asset Management Platform

- Developed React dashboards for software usage, savings projections, renewals, advanced filtering/search, and leadership-facing Chart.js visualizations.