

Nicholas Genco

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EXPERIENCE

Senior Platform Software Engineer | Oracle | Remote | June 2026 - Present

- Built and stabilized accessible JET components across TreeView, TreeTable, DataGrid, and related collection patterns.
- Improved keyboard, drag-and-drop, virtualization, and progressive loading behavior for complex enterprise UI components.
- Expanded automated test coverage across Karma Mocha, QUnit, Playwright-style browser tests, and cross-browser workflows.
- Partnered with design, accessibility, QA, and component owners to refine reusable UI patterns and ship reliable fixes across release branches.
- Tech: TypeScript, JavaScript, Preact, Knockout, Node.js, HTML/CSS, Oracle JET.

Senior Member of Technical Staff | Oracle | Remote | August 2022 - June 2026

- Modernized Oracle's enterprise UI ecosystem by converting legacy Knockout/JET modules into scalable ES6/TypeScript and Preact Web Components.
- Delivered a reusable component library used across 20+ internal enterprise teams, reducing duplicated UI logic and increasing developer velocity.
- Engineered high-performance client-side components for real-time data rendering, responsive interaction, and strict enterprise accessibility requirements.
- Tech: Preact (React ecosystem), TypeScript/ES6+, Web Components, Node.js, HTML5, CSS3, Knockout.

Member of Technical Staff | Oracle | Boston, MA | June 2020 - August 2022

- Refactored legacy UI systems into flexible shared components that aligned with scalable frontend architecture standards.
- Led a team of interns converting large JET/Javascript modules to TypeScript, improving type safety and toolchain consistency across multiple teams.
- Partnered with UI architects to streamline patterns for reusable components and internal design standards.
- Tech: TypeScript, ES6, Knockout, Node.js, HTML/CSS

Software Engineer | Oracle | Boston, MA | March 2019 - June 2020

- Built accessible enterprise UI components with end-to-end design participation.
- Implemented scalable UI enhancements and resolved production defects across customer-facing modules.
- Prototyped lazy-loading data providers that leveraged in high-scale environments.
- Tech: TypeScript, jQuery, Knockout, Node.js, HTML/CSS

Software Engineer | CAMP Systems International, Inc. | Ronkonkoma, NY | March 2018 - February 2019

- Developed front-end modules for aviation asset management platforms used by enterprise clients.
- Ensured compatibility across multiple hardware/third-party integrations.
- Tech: C#, Ext JS, ASP.NET, and Oracle SQL

Web Developer | Garment Printer Ink | North Port, NY | January 2018 - March 2018

- Built web modules for the Magento and Joomla platforms.
- Created relational databases used for shipping, inventory, and e-commerce.
- Served as a system administrator for a large e-commerce business.
- Tech Stack: Magento, Joomla, JavaScript, CSS, AWS.

EDUCATION

Bachelors of Science: Computer Science (BS) | Stony Brook University

Stony Brook, NY | January 2018

Associates of Science: Computer Science (AS) | SUNY Westchester

Valhalla NY | January 2015
