

Chris Escher

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Summary

A highly motivated and results-driven professional dedicated to cultivating a long-term career in computer programming and web design. In my role as Lead Front End Developer/Senior Application Developer at Pace Analytical, I orchestrated the seamless transition of an aging ExtJS project to React.js through meticulous integration with Webpack. My responsibilities extended to spearheading biweekly Front End Development meetings, mentoring team members, and fostering collaborative ideation through active participation in cross-functional Teams meetings.

I excel in project management, overseeing essential tools like NPM, Webpack, Jest, and Babel. My commitment to elevating team efficiency and code quality is evidenced by the successful implementation of ESLint and Prettier, ensuring a standardized and automated approach to code cleanliness. Additionally, I played a pivotal role in integrating Kendo React, enhancing the project's functionality.

My proficiency extends to setting up Apache Tomcat projects, utilizing IntelliJ for builds, and researching and incorporating prebuilt libraries to optimize development processes. I have actively contributed to the advancement of Cypress across multiple applications, environments, and browsers.

Experience

Senior Developer / Lead Front End Developer / Application Developer

Pace Analytical • 2018 – Present

- Convert older ExtJS project with React.js side by side by integrating both libraries with Webpack.
- Lead biweekly meetings for Front End Development.
- Helped and mentored other developers for client-side development.
- Get involved in Teams meetings to gather and communicate ideas for clearer process and code clarity.
- Promote team unity, involvement, and better communication.
- Manage NPM, Webpack, Jest, Babel, and related tooling.
- Setup Apache Tomcat projects and build with IntelliJ.
- Research prebuilt libraries and integrate Kendo React.
- Add ESLint and Prettier with integration hook to git commit to keep code clean and automated.
- Add and build Cypress on multiple applications, environments, and browsers.
- Update CSS using SASS to style the Client Portal with a modern look and responsive design.
- Create mockups for detailed Jira stories with pre-defined steps.
- Investigate Nx.dev monorepo to better manage Cypress test hooks and code changes across development environments.

Software Developer 3

ImageTrend Inc, Lakeville • 2007 – 2018

- Able to analyze code and engineer well-researched, cost-effective, and responsive solutions.
- Worked with various departments on projects including Emergency Preparedness software.
- Created Hospital Hub application which streamlines communication between medical personnel in ambulances and hospitals, improving patient care and emergency management.
- Participated in Hooley Day event and won 2nd place for developing a Patient Tracking Mobile application using Android that tracks patients from daily incidents to mass casualty events.
- 3+ years of JavaScript, jQuery, HTML responsive front-end development with multi-browser and version support for state and regional clients.
- Made Ajax calls to REST APIs and handled asynchronous data results across multiple view formats.
- Converted Command Center real-time chat from Flash (LiveCycle Data Services) to an HTML/Node.js application with Knockout.js — enabling secure real-time communication and document sharing.

- Worked with teammate to create a Dashboard prototype for Calabrio in Adobe AIR.
- Modified websites for AGCO, Smith Medical, Gillette Children's, and others.
- Assisted in creating and modifying interactive human assessment markup for SAFE-CARE.
- Used Subversion to import, checkout, and export projects from the repository.
- Implemented PureMVC, EasyMVC, and SWIZ frameworks within different projects.
- Assisted in maintaining the Russell Athletics PDF process.
- Created Gradebook and Standards Gradebook for Cornerstone student information system across multiple Catholic dioceses.
- Built Point of Sale application for school cafeteria with offline capability using local storage and sync on reconnect.
- Updated Visual Attendance with drag-and-drop seating arrangement functionality.
- Created Exploratory Pie Chart for ReportWriter to visualize reports across hierarchies and measures.
- Created Medtronic Timesheet integrated with ILOG calendar component.
- Worked on Cat Auctions application using LiveCycle Data Services.

Graphics Layout / Xerox Docucolor 2060 Operator

Corporate Graphics Commercial, North Mankato • 2001 – 2007

- Edited layouts with QuarkXPress and touched up images with Photoshop/Illustrator.
 - Set up jobs on the network, checked graphic layout of documents, and printed color outputs of brochures, posters, and books.
 - Operated Xerox Docutech black-and-white printer.
 - Worked night shift and managed workload independently without on-site supervision.
 - Experienced with design concepts for packaging and advertising.
 - Familiar with print preparation and production.
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Education

Minnesota State University

B.S., Computer Information Science — Fall 2007

South Central Technical College

Diploma, Commercial Art — Summer 1999

Achievements

Art Competitions

- 2■■■ in state — "Junior Duck Stamp", 1996
- 1■■■ in state — "Junior Duck Stamp", 1995
- 1■■■ in state — "Roadsides are for the Birds", 1994
- 2■■■ in state — "Roadsides are for the Birds", 1993

Education Awards (1995–1997)

- National Honor Society

Other

- VP at Silver Oak Condominiums
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Computer Skills

January 2007 – Present

React.js, TypeScript, JavaScript, ES6, HTML5, CSS3, SCSS, SASS, Tailwind CSS, Material UI, Kendo React, Bootstrap, IntelliJ IDEA, VS Code, GIT, GitHub Actions, Vite, Webpack, Node.js, NPM, GraphQL, Cypress, Playwright, Jest, Vitest, Testing Library, React Hook Form, Nx.dev, Lodash, Day.js, Babel, ESLint, Prettier, Husky, jQuery, .NET, Java, Apache Tomcat, Apache Maven, SQL Developer, SQL Server, Socket.IO, JSON, XML, Web Fonts, Windows 11

March 2001 – 2007

Adobe Illustrator, Adobe Photoshop, Paint.net, Acrobat, CSX2000, Dreamweaver, Extensis Suitcase, HTML, Java, jGRASP, Microsoft Word, Mac OS, PowerPoint, Python, QuarkXPress, Windows 95/98/NT/2000/XP, Workshop/Prinergy