

# JAMES R. PRIEST

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## PROFESSIONAL PROFILE

Frontend TypeScript, React, REST API and Database Developer with 25 years' experience building web applications

## TECHNICAL SKILLS

<b>UI:</b> Responsive UI/UX Design, WAI-ARIA Accessibility	<b>Frontend:</b> React, Redux, Styled Components, Tailwind CSS
<b>API:</b> REST API Design with Python, Node.js	<b>Languages:</b> TypeScript, JavaScript, Python, C#, SQL, RegEx
<b>Database:</b> SQL Server/MySQL, NoSQL MongoDB	<b>Data:</b> Stored Procedures, Functions, Triggers, Views
<b>Cloud:</b> AWS, Azure, Google, GitHub, GitLab, RestDB	<b>Build:</b> Vite, Webpack, Vercel, ESBUILD, Rollup

## PROFESSIONAL EXPERIENCE

### Everbridge, Inc.

Senior Software Engineer II

Pasadena, CA

10/2019 – 07/2024

Responsible for developing both internal and client-facing SaaS applications, dashboards, and visualizations for business-critical decision making. Reported to Director of Data Analytics in the role of Chief Frontend Engineer for the Analytics, Usage Reporting, and Business Process Intelligence teams.

- **Internal Usage Dashboards** – Increased profitability by creating internal BI analytics web application to measure company costs and set product pricing.  
Built using **React, TypeScript, Ant Design, Vite, Looker, Python** for **REST API**.
- **Resilience Insights** – Collaborated on development of SaaS application to provide real-time Risk Analysis resulting in new revenue stream.  
Built using **React, TypeScript, Styled Components, Google Maps, Zustand, Webpack, Looker**.
- **Location Risk Assessment** – Developed interactive mapping solution to visualize location-based risk events and assist in critical decision-making allowing customers to maximize business operations security.  
Built using **React, TypeScript, Redux, Google Maps, Bing Maps, Java, ElasticSearch**.
- **EB Suite Usage Reporting** – Created visualization and reporting system to provide customer usage and consumption forecasting resulting in faster contract renewal rates.  
Built using **React, TypeScript, Bootstrap, Recharts, Styled Components, Webpack, module federation** for **micro-frontend design**.

### Velodea

Senior Web Application Developer

Pasadena, CA

04/2006 – 03/2017

Served as Solutions Architect, Programming Lead, and Database Developer for digital marketing agency.

Designed and build over 70 website solutions across a variety of platforms, technologies, and languages for Fortune 500 companies such as Shell, Qualcomm, Sprint, Maserati, Fox, Miramax, ABC, J. Walter Thompson, and Edelman. Reported directly to CEO and Managing Director.

- **Beechcraft Corporation** ([beechcraft.txtav.com](https://beechcraft.txtav.com)) – As a direct extension of Beechcraft IT, duties included web application development, database design, and content management. Responsible for building and maintaining Beechcraft corporate website as well as many applications to support Sales and Marketing.  
Built using **ASP.NET, C#, database design, SQL Server, Bootstrap, JavaScript, jQuery**.
- **Shell Eco-marathon Live** ([shellecomarathon.com](https://shellecomarathon.com)) – Created social and streaming media platform to serve live coverage of Shell's multi-national Eco-marathon events. Site featured event video, twitter feeds, on-line polls, and contest standings. Events were live streamed through our CDN to 50+ countries worldwide.

Built using **PHP/My SQL, Live Video Streaming, REST APIs (Facebook, Twitter, YouTube), HTML, CSS, JavaScript, jQuery.**

- **Flex Ed ([flexed.com](http://flexed.com))** – Implemented large-scale Learning Management System to track and schedule education of 85,000 students resulting in two-fold increase of student registrations for education institution servicing California, Nevada, and Texas.  
Built using **Linux/Apache, PHP/MySQL, HTML, CSS, jQuery, stored procedures, triggers, MySQL functions.**
- **ABC Studios Live Stream** – Designed and built streaming media platform providing executives and stakeholders the ability to monitor camera feeds at each remote soundstage in real-time through secured web application access.  
Built using **ASP.NET, C#, Flash, ActionScript, FMS/WMS streaming with F4V/WMV media encoding.**

### **devAware Technology Solutions**

*Founder, Lead Developer*

**La Cañada, CA**

07/2002 – 03/2006

devAware specialized in .NET and Windows DNA application development for the web and desktop. As founder and lead developer, my role was that of information architect, systems designer, and application developer.

- **Sony VIAO Desktop** – Contracted by Sony to build advanced kiosk application for nationwide rollout to all Best Buy, Circuit City, Good Guys, and Fry's Electronics stores. The application locked down OS access through registry and group policy modifications while allowing customer interaction with the desktop and suite of Sony applications. Usage statistics were logged, uploaded, and accessed through secure login.  
Built using: **ASP.NET, ADO.NET, C#, Win32, VB COM, SQL Server, IIS, Windows registry customization.**
- **Xtreme Desktops Applications** – Develop application framework for a series of Flash-based desktop experiences. Components consisted of **.NET HTTP server** applications to gather usage statistics for upload to centralized analytics server. Responsible for custom built analytics system and test lab with **IIS, ASP.NET, and SQL Server.**  
Built using **C#, ADO.NET, VB COM objects, InstallShield scripting, IIS, SQL Server, test lab methodologies.**

### **The Velodea Group / Bleu22 Studios**

*Lead Software Developer*

**Milan, Italy and Los Angeles, CA**

07/2000 – 07/2002

Served as lead developer and director of The Velodea Group's Velotek division with job responsibilities spanning web application development, systems architecture, and network infrastructure. Reported to CEO and VP of Product Development.

- **VeloTrack** – Designed SaaS application suite offering behavioral tracking, email list management, registration, surveying, and demographic-based site usage reporting. VeloTrack boasted the ability to capture millions of page views per day in a manner transparent to the end user. The system was designed to be highly customizable and intuitive to allow non-technical clients the ability to generate reports as well as create surveys and construct email marketing campaigns. All data was made available through HTTP as a REST API for integration into client applications.  
Built as **modularized system** developed over two years consisting of equal parts **Google Analytics, Constant Contact, Mail Chimp, WordPress** and **Salesforce** before those systems existed.
- **VeloTeam** – Built asset management system that facilitating communication and collaboration between project teams and clients. The system managed user accounts, tracked incident resolutions, and provided automated email notifications. Over 100 customized instances were rolled out for clients such as Sony, Miramax, Qualcomm, and Toshiba.  
The VeloTeam Suite provided capabilities of **Basecamp, DropBox, JIRA, and GitHub**. It offered **project management, document sharing, version control, bug tracking/issue resolution** and **client communications.**

**Microsoft, Inc.****Redmond, WA***Release Program Manager*

11/1998 – 06/2000

As a key member of Microsoft's Product Release team, responsibilities included application development, system design and project management for release of Microsoft product to the marketplace. Reported to Director of Product Release.

- **Release to Web** – Built web application system that served as primary release mechanism for all products available to Microsoft's Download Center. System boasted an average of 1000 releases per month and tracked workflow, sign-off, QA, and virus scan. All releases were vaulted to centralized repo within the Software Release Labs and resulted in fulfilling Microsoft's need to release product in under 3 hours.
- **Media Shipment Tracking** – Created system to gather and track all media shipments made to Microsoft's third-party manufacturers. This allowed manufacturing facilities to plan production cycles as well as track the progress of any shipment. System consisted of multiple SQL Server databases in each of Microsoft's regions of operation. Data was input through web-based frontend and warehoused three times daily to coincide with the close of business at Microsoft's American, European and Asian operating centers.

Systems were developed using **multi-tier design architecture** and components were built for reusability following a **component object model**. Additional responsibilities ranged from **systems analysis, application prototyping, database design, user-interface design, functional specification, and technical documentation**.

**ADDITIONAL WORK EXPERIENCE****Phillips Research Laboratory****Albuquerque, NM***Web Application Developer*

10/1997 – 10/1998

Hired as Lead Intranet Developer for the U.S. Air Force's Phillips Research Lab at Kirtland Air Force Base. Job functions involved design and implementation of all **web-based client/server applications** as well as **systems analysis, database programming** and **graphic design**. Technologies used included **ASP, SQL, Java** and **ActiveX development**. Also responsible for **NT, IIS, and SQL Server administration and configuration**.

**Intel Corporation****Rio Rancho, NM***Web Application Developer*

06/1997 – 10/1997

Contracted to design and develop a web-based reporting system responsible for generating statistical information for Intel University. Utilized **ASP, SQL, and custom developed ActiveX DLLs**. The system was implemented worldwide upon its completion.

**CERTIFICATIONS**

<b>React Nanodegree</b> ( <i>React, Redux, React Native</i> ), Udacity	6-month term	2019
<b>Google Mobile Web Specialist Nanodegree</b> , Udacity	6-month term	2018
<b>JavaScript Algorithms and Data Structures</b> , FCC	300 hours	2017
<b>Responsive Web Design</b> , FCC	300 hours	2017

**EDUCATION****Bachelor of Science**, Computer Information Systems (BSc CIS)

DeVry University, Pomona, CA (1997)