# JAMES PRIEST

Senior Frontend Engineer

*james-priest@outlook.com | https://linkedin.com/in/jamespriestdeveloper*
*626-240-9970 | LA CANADA, CA, 91011, USA*

Senior frontend engineer with extensive web engineering experience building web applications using TypeScript, React, Restful APIs, and database development. Passionate about clean design and Usability. Collaborative engineer that can work in an Agile environment and possesses excellent communication skills.

## Core Skills

- User Interface - Responsive and intuitive UI design, User Experience (UX) design, WAI-ARIA accessibility
- JavaScript Frameworks - React (ReactJS), Redux, Ant Design, Bootstrap, Styled Components, Tailwind CSS
- Languages - HTML5 (HTML), CSS3 (CSS), TypeScript, JavaScript, ES6, C#, Python, SQL, Regular Expressions
- Testing - Cross-browser compatibility testing, functional testing, unit testing, performance tuning, React Testing Library, Jest
- Build Systems and Package Managers - Vite, Webpack, Babel, Vercel, ESBuild, Rollup, Grunt, Gulp, NPM, Yarn, PNPM
- Web services - RESTful APIs (REST API) design with Python and Nodejs (Node.js)
- Databases - SQL Server, MySQL, Postgres, NoSQL MongoDB
- Database programming - Stored Procedures, functions, triggers, indexes, views
- Project Management - Jira, GitHub, GitLab, Agile Development, Issue Tracking
- Cloud and Version Control - Amazon Web Services (AWS), Google Cloud, Azure, Git, SCM
- Soft Skills - Strong written and verbal communication skills, ability to adapt quickly, attention to detail

## Work Experience

### Senior Software Engineer II

*EVERBRIDGE | Pasadena, CA*                                      Oct 2019 - Jul 2024

Responsible for developing internal and client-facing SaaS applications, dashboards, front-end components, and data driven UIs for business-critical decision making using front end frameworks. Reported to director of data analytics as chief frontend engineer for multiple teams. Developed the following products.

- Usage dashboards - Increased profitability by creating an internal BI analytics web application to measure company costs and set product pricing. Built using React, TypeScript, Ant Design, Vite, Looker, and Python for Rest Services.
- Resilience insights - Collaborated on the development of a SaaS application to provide real-time risk analysis resulting in new revenue streams. Built using React, TypeScript, Styled Components, Google Maps, Zustand, Webpack, and Looker.
- Location risk assessment - Developed an 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, and Elasticsearch.
- EB Suite usage reporting - Created a 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, and module federation for micro-frontend design.

### Principal Web Application Developer

*VELODEA | Pasadena, CA*                                      Apr 2006 - Mar 2017

Served as solutions architect, programming lead, and database developer for a digital marketing agency. Built over 70 website solutions for Fortune 500 companies such as Shell, Qualcomm, Sprint, Maserati, Fox, Miramax, and ABC. Reported directly to CEO and managing director.

- Beechcraft Corporation (beechcraft.txtav.com) - Duties included web software 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, and jQuery.

- Shell Eco-marathon Live (shellecomarathon.com) - Created social and streaming media platform for Shell's multi-national Eco-marathon events. The site featured event videos, Twitter feeds, online polls, and contest standings. Events were live streamed through the CDN to over 50 countries worldwide. Built using PHP, My SQL, Live Video Streaming, REST APIs (Facebook, Twitter, and YouTube), HTML, CSS, JavaScript, and jQuery.
- Flex Ed (flexed.com) - Implemented a large-scale learning management system to track and schedule the education of 85,000 students resulting in the two-fold increase of student registrations across California, Nevada, and Texas. Built using PHP, MySQL, HTML, CSS, jQuery, stored procedures, triggers, and MySQL functions.
- ABC Studios Live Stream - Designed and built a streaming media platform providing executives and stakeholders the ability to monitor soundstage camera feeds real-time through a secured web application. Built using ASP.NET, C#, Flash, ActionScript, FMS, WMS streaming with F4V, and WMV media encoding.

## Lead Developer
*DEVAWARE TECHNOLOGY SOLUTIONS | La Canada, CA*                                   Jul 2002 - Mar 2006

Specialized in .NET and Windows DNA design and development for the web and desktop. Fulfilled the role of information architect, systems designer, web developer, and application developer.

- Sony VIAO Desktop - Contracted by Sony to build an advanced kiosk application for nationwide distribution. The application locked down OS access while allowing customers to interact 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, and Windows registry customization.
- Xtreme Desktops Applications - Developed application framework for a series of Flash-based desktop experiences. Components consisted of .NET HTTP server applications to gather usage statistics for upload to a centralized analytics server. Responsible for the custom-built analytics system and test lab with IIS, ASP.NET, and SQL Server. Built using C#, ADO.NET, VB COM, InstallShield scripting, IIS, SQL Server, and test lab methodologies.

## Principal Software Engineer
*THE VELODEA GROUP | Milan, Italy and Los Angeles, CA*                             Jul 2000 - Jul 2002

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

- VeloTrack - Designed SaaS application suite offering behavioral tracking, email marketing, list management, registration, surveying, and demographic-based site usage reporting. VeloTrack boasted the ability to capture millions of page views per day. Data was made available through HTTP as REST APIs for integration into client applications. Built as modularized system providing features of Google Analytics, Constant Contact, Mail Chimp, WordPress, and Salesforce.
- VeloTeam - Built asset management system to facilitate collaboration between project teams and clients. Designed project management, document sharing, version control, bug tracking, client communications, and issue resolution features. Over 100 customized instances were deployed for clients such as Sony, Miramax, Qualcomm, and Toshiba. It provided capabilities of Basecamp, Dropbox, JIRA, and GitHub.

## Release Program Manager
*MICROSOFT | Redmond, WA*                                                         Nov 1998 - Jun 2000

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 the release mechanism for products to Microsoft's download center. The system boasted an average of 1,000 releases per month and automated business workflows, stakeholder approval, quality assurance, and virus scanning. System fulfilled Microsoft's goal of releasing product in under three hours.
- Media shipment tracking - Created web application to track media shipments made to Microsoft's third-party manufacturers allowing facilities to plan production cycles and track the progress of shipments. The system coordinated multiple SQL Server databases in each of Microsoft's American, European, and Asian operating centers.

- Systems were developed using multi-tier design architecture and component object model for reusability. Responsibilities ranged from systems analysis, application prototyping, database design, user-interface design, functional specification, and technical documentation.

### Web Application Developer

*PHILLIPS RESEARCH LABORATORY | Albuquerque, NM*                             Oct 1997 - Oct 1998

Hired as lead intranet developer at Kirtland Air Force Base. Job functions involved web-based client and server applications, systems analysis, database programming and graphic design using ASP, SQL, Java, and ActiveX development. Responsible for Web Server and SQL Server administration.

### Web Application Developer

*INTEL | Rio Rancho, NM*                                                     Jun 1997 - Oct 1997

Contracted to 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.

## Education

DEVRY UNIVERSITY
**Bachelor of Computer Science** | Computer Information Systems                 Jun 1997

## Certificates

React Nanodegree (React, Redux, and React Native)
UDACITY                                                                       May 2019

Google Mobile Web Specialist Nanodegree
UDACITY                                                                       Oct 2018

JavaScript Algorithms and Data Structures
FCC                                                                           Dec 2017

Responsive Web Design
FCC                                                                           Jun 2017