

Jeremy Harris

Senior Software Developer

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EXPERIENCE

Modern Campus, Camarillo CA — Senior Software Developer Front End

OCTOBER 2016 - JUNE 2023

- Senior Software Developer for the Omni CMS SaaS product
- Lead developer on several projects including an accessibility checker service for deployment to AWS using Node, Express, Docker, DynamoDB, Puppeteer, Axe-Core, Cognito, Swagger
- Designed and implemented an API in PHP known internally as the Data Management Core (DMC) to streamline interaction with aggregated XML data published by Omni CMS used in every implementation delivered by Modern Campus
- Utilized Docker and GitHub Actions to automate a delivery pipeline to AWS for efficient deployment (CI/CD)
- Created a lightweight JavaScript single page applications that are embedded on any webpage utilizing Web Components / Shadow DOM, used on over 100 higher education websites
- Led the development of various Omni CMS modules, including Calendar, Blogs, News, Faculty Directory, Program Finder and more
- Engineered an Omni CMS feature called Select Lists and produced a training video for it hosted on support.moderncampus.com
- Integrated reCAPTCHA frictionless anti-spam technology
- Implemented dozens of websites in Omni CMS from static files provided by various design teams
- Wrote custom scripts that interacted with back-end APIs to automate various configurations to get website implementations up and running quickly, such as a User Import gadget
- Developed a web crawler in Ruby to simplify migration to newly re-designed higher education websites
- Provided support to Customer Success team to deliver custom solutions used by college and university websites
- Utilized Agile methodologies in three week sprints to quickly deliver iterative improvements for our Omni CMS SaaS product
- Worked closely with product team to plan product enhancements
- Provided critical code review feedback to fellow developers
- Participated in project scoping / estimating
- Mentored junior developers and QA engineers
- Contributed to acceptance criteria and detailed documentation

MISSION

Simplifying complexity through creative solutions while embracing the latest technology.

SKILLS

Full Stack Web Development
Database Administration
Creating/Consuming APIs
Responsive UI/UX Design
Web Hosting Configuration
Testing & Debugging
Training Video Production
Documentation

TECHNOLOGY

PHP, C#, Node, Python, Ruby
JavaScript, Typescript, React, NextJS, Vue.js, Backbone, jQuery, NPM, Webpack, Express, Puppeteer
HTML, CSS, LESS, Bootstrap, Tailwind
MS SQL, MySQL, PostgreSQL, Dynamodb
Agile methodologies
Git
Docker, AWS, CI/CD, GitHub Actions, OpenAPI / Swagger

ResumeWare, Thousand Oaks CA — Lead Software Developer

DECEMBER 2012 - OCTOBER 2016

- Enhanced and maintained the ResumeWare Applicant Tracking System to ensure its smooth operation and functionality
- Revamped existing user interfaces with Bootstrap to ensure responsive display on various devices
- Implemented jQuery and AJAX to create immersive and interactive user experiences
- Streamlined code and optimized database queries to significantly improve performance and efficiency
- Collaborated closely with the product team to strategically plan and execute the implementation of innovative product features
- Created reports using Highcharts and developed efficient SQL Server logic with stored procedures, user defined functions, user defined aggregates

PartyPOP, Agoura Hills CA — Full Stack Web Developer

FEBRUARY 2003 - DECEMBER 2012

- Led development of search engine that connects event vendors with customers
- Developed credit card processing and invoicing system
- Focused on improving sales efficiency through interface enhancements
- Created invaluable sales reports utilizing complex SQL queries

CAFM Solutions, Thousand Oaks CA — Software Engineer

MARCH 2001 - FEBRUARY 2003

- Implemented cutting-edge interactive map technology by seamlessly integrating AutoCAD drawings into computer-aided facilities management software, enhancing the efficiency and effectiveness of facility management processes
- Implemented new technology using ASP, SQL Server, Oracle, and Flash
- Leveraged ASP for web development, SQL Server and Oracle for database management, and Flash for interactive and multimedia elements

Clear Digital, Los Angeles CA — Web Developer

MARCH 1999 - MARCH 2001

- Enhanced commercial companies' branding initiatives by designing and implementing customized back-end admin and client interfaces
- Utilized ColdFusion for server-side scripting and development
- Employed SQL Server for efficient database management and integration

EDUCATION

University of Advancing Technology, Tempe AZ

1998 - 1999

Courses included Visual Basic, HTML, JavaScript, ASP, SQL Server, Microsoft Access, XML

Technology Development Center, Ventura CA

1996 - 1997

Completed Computer-Aided Design course in January, 1997. Course work included manual drafting principles, 3D Studio Max, AutoCAD R12 through R14, 3D Modeling (AME), and Auto Vision.