

Loren Hayden

Software Engineer

CAREER OBJECTIVE

Highly motivated software engineering professional with extensive experience in developing, deploying, and maintaining web, desktop, and micro-services.

Skilled in the utilization of various technologies such as JavaScript, Python, CSS, SASS, SQL, Lua, and C/C++ .

Very experienced in working in team-oriented software development projects and agile development methodologies.

Passionate about developing innovative and efficient software solutions that meet customer needs.

CONTACT

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SKILLS

Front-End web development using
ReactJS

Back-End development using ExpressJS

Lua Development

Python Development

T-SQL Development

XML

HTML

CSS

SASS

Apache

Linux command line and bash script
automation

Windows Development

Multi-Threaded development

Object Oriented
Development/Practices

Virtualization

EXPERIENCE

Toll Free Solutions, Las Vegas, NV

Senior Software Engineer, Apr 2014 - Present

- Automated system tasks using python scripts
- Created and maintained CI/CD pipelines with Jenkins
- Communicated with stakeholders to locate and fix service and development issues.
- Developed high-quality, scalable python services
- Suggested improvements to systems and processes, improving efficiency.
- Directed internal development teams on multiple projects over the course of several years.
- Developed and directed software system testing and validation procedures.
- Developed flowcharts and layouts to identify software requirements and solutions.
- Built interactive front-end web-based user interfaces leveraging CSS, SASS, and Javascript, and ReactJS
- Built back-end API for website using Javascript and ExpressJS, auth0 and Microsoft Reporting.
- Created new and updated existing Microsoft SQL, MySQL, and PostgreSQL tables, procedures, and functions.
- Created and maintained Docker stacks, services, and containers for a multiple micro-services.
- Suggested new technologies to improve existing products.
- Proofed concept and feasibility studies for new proposed concepts and designs.
- Mentored newly hired software engineers through routine coaching and training opportunities.

ESP Solutions, San Diego, CA

Software Development Consultant, Apr 2013 - Jun 2013

- Assist in creating software specs from stakeholder requirements.
- Draft software documentation and concepts, then refine them.
- Implement suggestions to enhance documentation and development standards.

Acrendo Medical Software, San Diego, CA

Software Developer, Oct 2012 - Apr 2013

- Provided IT support and programmed medical software for 100+ doctors

Debugging and Test Driven Development

Docker building and deployment

Kubernetes

Google Cloud Development

Database Design

Fluency in C, C++, C#

REFERENCES

Dayron Valiente

Senior Python Developer | Systems Engineer
Evolon

(702) 332-1396

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Ex-coworker

Jason Xoing

Software Engineer
Indeed.com

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Ex-coworker And Friend

Robert Harwell

Software Engineer
Toll Free Solutions

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Ex-coworker And Friend

Jason Allen

Senior Network Engineer
Toll Free Solutions

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Co-Worker And Friend

across the US.

- Developed software using VB.NET, and C# code changes, and the installation and maintenance of the software on client servers.
- Developed software for HL7 messages processing.

Icon Group Books, International, San Diego, CA

Software Developer, Dec 2010 - Oct 2012

- Created teaching tools for non-native speaking English speakers using software development.
- Created, Industry Reports, Cultural Statistics, Company Benchmarks and Gaps, Health Publications

Vista Biological Corporation, San Diego, CA

Software Engineer/IT, Sep 2009 - Dec 2010

- Installing Software (Backup, OS, Scientific Software)
- Routine maintenance of all computers.
- Development of document management, and quality control maintenance system. (Windows Desktop Application) C#

Hunter Ambrose, San Diego, CA

Software Engineer, Sep 2009 - Dec 2009

- Design and develop Microsoft SQL 2005 database for their website.
- Import old data from existing legacy systems.
- Build back-end admin tools to manage locations Services, Medical Specialties, Hospital Providers, and Members.

Community Resource for Sciences, San Diego, CA

Web Developer, Jan 2007 - Jul 2009

- Upgrading their Access Forms applications to a C# ASP.Net application to manage all their members, schools, and teachers that use the science resources.
- Designed and developed a web-based search tool that allows their customers to search for upcoming educational programs, workshops, and websites that are wanted for the purpose of teaching science.
- Created additional reports showing statistical data about keywords being requested by their members.
- Also designing and developing a volunteer management system.

Vista Biological Corporation, San Diego, CA

Software Engineer/IT, Jan 2007 - Nov 2008

- Setup their Active Directory network, and created users with passwords to better secure their Windows 2003 Small Business Server network.
- Setup and maintain their full and incremental backups.
- Upgraded to their access application to a C# Win form application. The application is responsible for tracking customers, vendors, employees, and the research they do for companies. The company is a pharmaceutical research company that makes medicine. I was responsible for adding some new features that will allow them to track the Quality Assurance, Quality Control, and Inventory expended for projects they have for their customers.
- Update their website and manage the keywords to enhance their customer base.

Bikebandit, San Diego, CA

Software Engineer, Mar 2007 - Nov 2007

- Primary responsibility was to maintain, and enhance Fulfillment and Operations applications using C# and SQL 2005.
- Developed from start to finish. The Ad Words Manager allowed the company to maintain keywords used via the Google Ad Words web services. I was responsible for extending the original limitations of their Ad Words Applications, and developed the new application using C# 2005, SQL 2005 and the Google Ad Word web services.

EDminEDmin, San Diego, CA

Software Engineer, Jan 2007 - Mar 2007

- Enhancing performance by adding asynchronous transmission of data to the web service.
- Responsible for transforming data to Scantron Achievement web service that track student assessment data for Schools all over the United States.

End2End, San Diego, CA

Software Engineer, Jan 2006 - Jan 2007

- Updated and fixed bugs in Microsoft SQL Procedures
- Created new Forms and updated existing user interfaces to enhance the over-all user experience.
- Updated back-end VBA scripts for Access Application.

Innova Systems, Inc., San Diego, CA

Web Developer, Mar 2005 - Sep 2006

- Developed training software in C#, VB.Net, ASP.Net for the United States Navy, and Marine Corps.
- Used object oriented development techniques to develop back-end data access layer for Web Application.
- Created ASP.NET pages using in-house built templates, and themes.
- Created and updated procedures in Microsoft SQL database.
- Responsible for writing cross tab query library that was written in C++, as an extension in Microsoft SQL.
- Helped upgrade website to 1.1 to 2.0 ASP.NET

Capital One Auto Finance, San Diego, CA

Software Engineer, Sep 2004 - Mar 2005

- Software Development to upgrade an existing legacy MFC application to process loan applications.
- Created code C++ code to transport SOAP messages to in-house developed web-service.
- Developed new features in existing Windows NT Service that allows the transporting of loan applications to a third party provider.

Advanced Network, Inc., San Diego

Software Engineer/IT, May 2000 - Sep 2004

- Full development and management of all software applications using VB 6, VB .Net C#, C++, Microsoft Access, SQL Server 2000
- Developed client and server software that interfaced with ATM network encryption hardware, that allowed dispatch to use one-time keys to access ATM's increasing the security, and decreasing the cost.
- Assisted all company employees with training, and software use, and installation.
- Replaced and maintained legacy hardware, with new firmware updates.

EDPMI, San Diego, CA

Software Engineer, Jan 1997 - Jan 1999

- Helped facilitate the upgrade of an existing Access Application to a VB.Net desktop application, which became our companies Enterprise Business Software.
- Helped develop and maintain the of Enterprise Business Software.
- Developed VB.Net Forms
- Created new and updated existing VB.Net Code in Enterprise Business Software.

North County Superior Court, San Diego, CA

Systems Support, Dec 1996 – Sep 1997

- Responsible for the management of all computer hardware and Novell Network in three sites.
- Also assisted in training of all new software. Taught advanced classes in Excel, Access, Word, Power Point.

United States Navy, Gunma, Okinawa, Japan

Information Systems Coordinator, Mar 1991 – Feb 1995

- Fix and maintain existing hardware
- Management of administrative applications and reports in hospital clinics.
- Setup and managed over 100+ users on a Banyan Vines Network Nodes.

EDUCATION

Mira Costa College

Hospital Corpsman School, United States Navy

HONARABLY DISCHARGED FROM UNITED STATES NAVY

This is something I am very proud of, and enjoyed fully in my younger years. It was one of the best experiences of my life, and it helped me grow to the dedicated professional I am today.