

Evan Rosebrook
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Experienced software engineer that has successfully led multiple software projects through the entire software development lifecycle from inception, to product release and beyond. Proficient at implementing solutions in numerous technical areas from building data pipelines, to back-end services, front-end UI and DevOps. Provides leadership, training and feedback to ensure that teams perform to the best of their abilities and deliver consistently.

Skills

Data: SQL, Flink, Spark, Storm, Hive, Hadoop, Oozie, Airflow

Back-End: Scala, Java, C#, Python

DevOps: AWS, Azure, Kubernetes, Docker, Helm, Terraform, Jenkins

Front-End: HTML, CSS, Javascript, JQuery, React

EXPERIENCE

Senior Software Engineer (*Expedia - Media Solutions, Bellevue, WA 11/2014 - Current*) Worked as an engineer leading the design and development of multiple software projects which maximize profits and optimize the customer experience.

- Designed and lead the development of a new streaming platform built on Flink and Kubernetes
- Architected new data platform leveraging Airflow, Hive, Snowflake and Postgres
- Designed and Implemented Spark Streaming solution to perform analytics on customer behavior
- Architected and lead implementation of B2B audience segmentation solution using Storm/Kafka
- Embraced and evangelized Agile development based on Scrum
- Developed sophisticated scalable ingestion platform using Scala/Akka
- Mentor, train and provide feedback to junior engineers

Software Engineer (*Expedia - GCO, Bellevue, WA 11/2012 - 11/2014*) Worked as a Software engineer on a federated call center application. Core technologies included ASP.NET MVC 4, C#, Javascript, XML, JSON. Worked with Project Managers and Business owners to build out new features, and debug existing features.

- Implemented design patterns to increase code reuse and decrease bug count
- Created unit tests to prevent regressions and ensure code quality
- SOA Environment using Java Services Back-end to federate

Lead Software Engineer (*Tag Creative, Seattle WA 3/2011 - 10/2012*) Led a team of engineers on multiple projects. Core technologies included Windows Azure, SQL Azure, ASP.NET MVC 3, Razor, JQuery, Windows 8 Metro (XAML), Kinect For Windows SDK.

- Created a new MVC based architecture for iegallery.com
- Leveraged Windows Azure technologies for scalability
- Responsible for task identification and assignment
- Custom hand gesture detection based one Windows Kinect SDK
- Created Windows 8 Metro App (XAML)

Software Engineer (*Corbis, Seattle WA 7/2010 – 3/2011*) Worked as a Software Engineer on the Veer contributor team. Used ASP.NET MVC and JQuery enhance the UI and services

- Used JQuery and current javascript patterns to enhance the site
- Upgraded admin tools for reviewer team
- SOA environment using WCF, etc.

- Improved service performance

Software Engineer (*Microsoft, Redmond WA 7/09 – 7/2010*) Worked as a Software Engineer on the Windows Core Operations team. Used .Net 3.5 and JQuery to bring the Windows Core Operations ticketing system up to date with current technology and UI patterns.

- Upgraded existing web app to JQuery driven AJAX site
- Implemented faster/pageable search grid
- Used AJAX modals to implement seamless bulk edit
- Widgetized existing UI with custom JSON driven Widgets
- Migrated from cookie driven persistence to farm compatible profiles

Software Engineer (*Onvia, Seattle WA 4/08 - 12/08*) Worked as a Software Engineer building various software solutions in a Test Driven Development. Worked as engineer on a new Data Extract project. Worked as an engineer building out new guide creation and Delivery software. Utilized .NET 3.5, ASP.NET, AJAX, C#, SQL, LINQ, XSLT, ASP, WCF, HTML, CSS, Javascript. Participated in an Agile Development Environment.

- Built new C# Application to Output Excel Data based on user subscriptions
- Worked as front end developer building forms, etc.
- Used TFS for source control and project tracking
- Unit Testing and web testing to ensure software quality.
- Worked in an SOA environment using WCF, etc.
- Provided support to the Sustained Engineering Team. ASP classic & .NET
- Used HTML/CSS/Javascript for new and modified web pages

Software Engineer (*Corbis, Seattle WA 3/07 - 4/08*) Worked as an Engineer customizing Digital Asset Management (DAM) systems. Worked as a Lead Engineer on DAM systems for Russell and Lehman Brothers. Utilized ASP.NET, C#, T-SQL, HTML, CSS, JavaScript, and AJAX in DAM systems.

- Customized DAM functionality using ASP.Net/C# and SQL
- Performed Server and database set up
- Worked as front end developer customizing solutions
- Employed Single Sign On Technology for both Russell and Lehman Brothers
- Worked closely with Managers and Clients to implement DAM solutions
- Implemented AJAX techniques
- CSS/HTML/JavaScript front end
- Supported legacy server side JavaScript

Software Engineer (*Bensussen Deutsch & Associates, Inc. Woodinville, WA 7/06 - 1/07*) Develop and deploy high end e-commerce web sites. Worked on sites for RiverSource, Alltel, Home Depot, Toyota Racing, etc. Employed ASP, ASP.NET, C#, XML, T-SQL in the production of websites. Websites adhered to standards are dynamic and offer a safe secure e-commerce experience.

- Worked as a web programmer employing variety of languages and techniques
- Used T-SQL and stored procedures for reliable results
- Performed server administration for E-commerce and reporting websites
- Utilized Web Trends Analytics for web reporting
- Worked in Front, Middle, and Back-End programming Roles
- CSS/HTML/JavaScript front end

EDUCATION

Degree: B.A. in Digital Technology and Culture

Washington State University

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