

Jon-Erik Ekdahl

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EDUCATION

Coder Foundry

December 2023

Certificate - Full-Stack Web Development (672-Hour Boot Camp)

Kernersville, NC

- Developed & deployed full-stack applications using ASP.NET MVC, Bootstrap, JavaScript, & HTML with PostgreSQL databases
- Designed & constructed multiple front-end applications utilizing Vanilla JavaScript, delivering intuitive user experiences
- Collaborated with CI/CD workflows on GitHub to ensure seamless integration & continuous delivery

Edmonds Community College

June 2014

Certificate of Completion – Computer Science: C/C++ Developer

Lynnwood, WA

- Relevant Coursework: C++ I/II/III, Java I, Introduction to C#, SQL, Database Theory & Design, 2D Game Development
- Topics Studied: Object-Oriented Design, Data Structures, Algorithms, Complexity Analysis, Optimization
- 2D Game Project: Used C# to write classes for Physics Engine, Player Behavior & Controls, Enemy/Object AI & Behavior, Camera
- Designed, built, maintained, & queried relational databases using SQL for database classes

University of Washington

June 2011

Bachelor of Science - Mathematics

Seattle, WA

- Learned & used programming languages R for statistical analysis & Maple for mathematical modeling

SKILLS

- Web Development: HTML, CSS, Bootstrap, JavaScript, JQuery, React, AJAX
- Backend Development: C#, ASP.NET MVC, REST API, Blazor, PostgreSQL, SQL, LINQ
- CRM Development: Salesforce Apex, Visualforce, SOQL
- Other Languages: Assembly, C, C++, Java, VBA, Visual Basic

PROJECTS

Golden Tickets – Multi-Tenant Issue-Tracking Web Application (C#, ASP.NET MVC, LINQ, PostgreSQL, Bootstrap)

- Features: 4 User Roles with permissions, Notifications & History-logging for Ticket activity, Comments & Attachments for Tickets

Networking – Multi-Tenant Address Book Web Application (C#, ASP.NET MVC, LINQ, PostgreSQL, Bootstrap)

- Features: Creation of Contact records & Contact Categories for registered Users, Searching Contacts

Comment Lines – Personal Software Development Blog (C#, ASP.NET MVC, LINQ, PostgreSQL, Bootstrap)

- Features: 2 User Roles, Searching Posts, Exposed API for obtaining Blog data, Liking & Commenting on Posts for registered Users

WORK EXPERIENCE

Software Engineer

December 2017 – November 2019

Gravity Payments

Ballard, WA

- Residual Reporting Generator Application: designed & built on Salesforce CRM to automate Accounting's monthly Excel-based residual reports to sales reps & business partners; saved Accounting 9+ days of work per month
- Interchange Estimator Application: designed & built on Salesforce CRM to automate Finance's data-driven estimates of businesses' monthly credit card brand fees; increased speed, accuracy, & consistency; saved Finance 5+ hours of work/month
- AWS File Transfer Applications: built & used two JavaScript applications to transfer 50K+ sensitive documents from company's old servers to individual UUID-labeled folders in company's new S3 bucket; maintained confidentiality & security in process
- Gained experience in the entire SDLC by independently building, supporting, & maintaining multiple products
- Wrote unit test classes for all Salesforce Apex code, averaging 100% test coverage on original work
- Communicated with stakeholders to learn business processes, gather requirements, give updates, & train on product use

Financial Business Analyst

January 2015 – December 2017

Gravity Payments

Ballard, WA

- Wrote VBA scripts & SQL queries to automate MS-Office-based work for Finance, Accounting, Underwriting, Charity teams
- Learned & analyzed business processes; identified & recommended opportunities for improvement via automation
- Had written & verbal communication with stakeholders to propose solutions, gather requirements, & demonstrate use
- Saved over 7 workdays per month among all teams helped via SQL/VBA automation