

ERIK GRACIOSA

FULL STACK SOFTWARE ENGINEER

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BIO

Dependable engineer with a passion for continued learning and implementing new technologies and design patterns. Constantly striving to refine problems into measurable objectives. A team leader in projects at HP, Microsoft and Element Six that designed, planned, and directed multi-discipline engineers and technicians to install and refine factory automation equipment across printing, touchscreen, and lab-grown diamond industries.

TECH STACK

Languages:

JavaScript, Typescript, C#, HTML, CSS, SQL

Env/Frameworks:

React, Angular, Node.js, Express, PUG, Redux, ASP.NET

Databases:

PostgreSQL

Testing Suites:

Jest, xUnit, Jasmine/Karma

Cloud:

Azure

Other:

Github, Heroku, Netlify,

VSCode, Postman,

PGAdmin, Agile/Scrum,

Miro, StripeAPI, Jira

EDUCATION

Oregon State University

B.S. Mechanical Engineering
2008

Alchemy Code Lab

800hr SW Developer Training
Sept 2020-March 2021

VOLUNTEER/AWARD

Corvallis Bicycle Collective

Board Member 2014-2015

Fundamentals of

Engineering Certified

(Oregon)

2008

WORK EXPERIENCE

Slalom

Consultant - Software Engineer | Sept 2021 - Present

- Built user facing information intake form for a large healthcare company using .NET MVC/RazorPages enabling customer information to be saved.
- Enabled accessibility WCAG standards and confirmed coherent screenreader output using VoiceOver/NVDA.
- Implemented error messaging to users using jQuery and vanilla javascript to allow users to submit a valid form.
- Implemented pre-populated form inputs using URL routing and query strings from referrer to match client designed UI/UX.
- Confirmed mobile experiences using BrowserStack on Android and iOS and adjusted experience as required due to soft keyboard behaviors and requirements set from client.
- Wrote tests for methods of PageModel using xUnit library to ensure non-breaking changes.
- Built proxy relationship management page using Angular 9.
- Wrote unit tests for services and components using Karma/Jasmine.
- Deployed front end using Azure Dev Ops Pipelines.
- Integrated Formstack CMS for user input flow and built custom summary pages with error handling.

Element 6

Lead Equipment Engineer | 2019 - 2020

- Responsible for final sign off for all equipment to go into production.
- Defined and confirmed scope of work with manufacturers for automation equipment.
- Wrote maintenance procedure and trained all engineers and techs.

Hewlett-Packard

Mechanical Design Engineer | 2010 - 2014, 2016 - 2018

- Designed parts and assemblies for 3D Printers focusing on fluid transport from ink cartridge to printhead.
- Wrote scripts for validation testing of printers.
- Project manager of onsite customer teams for HW and SW deployment and validation of high volume digital printing presses.

Microsoft (contract via EASI/Aerotek)

Process Development Engineer | 2015 - 2016

- Research and development for precision placement(300micron) of flex circuits and conductive adhesive for Surface Hub Touchscreens using Cognex vision systems.
- Patent submission for novel adhesive application.
- Wrote G-code for CNC prototyping equipment and basic I/O.

Intel

Process Engineer | 2008 - 2010

- Verified process matching of equipment by measuring critical characteristics to enable process transfer.

CERTIFICATIONS

AZ900 (I129-4468, FEB 2022)

AZ204 (In progress)