Ryan Erickson
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Software Development Engineer

Highly educated full stack engineer with a proven track record of requirement analysis, solution delivery, and efficient troubleshooting in the telecom industry. Hard working team player looking to utilize his full potential while helping you exceed goals and break records. If you love what you do then I'd love to hear from you!

Key Strengths

Clean Code	Project Documentation	Object Oriented Design	Business Savvy
Goal Oriented	Empathic Communication	Team Leadership & Training	Customer Experience

Education

B.S., Computer Science, Western Washington University, Bellingham, WA, 2017
Elective Work: Android Development, Embedded Systems, Linear Optimization, Machine Learning

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Piggy (C) TCP/IP message passing application with ncurses interface which mimicked Telnet functionality
Crafted a friendly UI, user driven connections, data filtering, character stripping, logging and more
Gained invaluable experience developing a large project from scratch with a low level toolkit (C, sockets)

P.O.D. (Python) A six member effort which developed an embedded experiment monitoring system for WWU
Personally advocated for OOD and Agile methodologies and increased group participation by 200%
Developed hardware prototypes, i2c sensor capturing, image capture/storage and project documentation

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Toolkit

Languages: C, Java, Python, HTML, CSS, Javascript
Databases: MySQL, MongoDB (Native, Mongoose)
Frameworks: Express, TensorFlow, Scikit-Learn

Environments:
Fedora, Ubuntu, Raspbian,
Android, Gcloud, Nodejs

Experience

Freelance Developer, Base By Dottie, July 2017 - Present
Gathered customer requirements for a construction contracting business' web presence and invoicing needs
Translated the requirements into a responsive, dynamic web app utilizing MongoDB, Express, and Nodejs
Deployed the app securely with user authentication, SSL through Cloudflare, and hosting via Gcloud compute

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BizBuddy BaseByDottie's web presence for customers and business administration portal for employees
Built to address the cost and complications of creating and maintaining simple small business invoicing
The customer required a clean, nontechnical interface on mobile and desktop with secure login capabilities
Independently delivering a low cost, high quality solution proved to be an incredibly rewarding experience
Reduced invoice generation from 5 minutes to one and the customer gained invaluable storage and analytics

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Mobile Expert, T-Mobile, 2013 - Present
Crafted meaningful solutions for my customer's technology needs which maximized all parties' interests
Excelled at interfacing with customers, coworkers and managers in a fast paced, goal oriented atmosphere
Studied corporate operating procedures, business goals, communication and leadership techniques

References available upon request