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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	Test-Driven Development	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

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
Personally advocated for OOD and Agile methodologies, increased group participation by 200%,
developed hardware prototypes, implemented i2c sensors and spearheaded image capturing/storage

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 LLC, 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 login capabilities, SSL via Cloudflare, and hosting via Gcloud compute

BaseByDottie.com BaseByDottie's web presence to attract customers, and portal for generating invoices
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 access to past invoices
Independently delivering a low cost, high quality solution proved to be an incredibly rewarding experience
Reduced invoice generation from 5 minutes to one, the customer gained invaluable storage and analytics

Mobile Expert, T-Mobile, 2013 - Present

Crafted meaningful solutions for customer's needs which maximized all parties' interests
Excelled at interfacing with customers, coworkers and managers in a goal oriented atmosphere
Studied corporate operating procedures, business goals, communication and leadership techniques

References available upon request