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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,  
Windows, Android, Gcloud

### **Experience**

**Freelance Developer**, Base By Dottie LLC, July 2017 - Present

Gathered customer requirements for the construction contracting business' web presence and invoicing needs  
Translated the requirements into a responsive, dynamic web app utilizing MongoDB, Express, and Nodejs  
Project status: Building out the authentication system and finalizing the user interface before final deployment

**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 and 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