Mark Barone

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ENTRY LEVEL SOFTWARE ENGINEER

SUMMARY

Seven plus years of experience with the proven ability to diagnose, troubleshoot, and resolve technical problems in a time sensitive/high stress environment. Recent BS in Computer Science graduate offering strong foundation in software engineering and programming principles; experienced in objected-oriented design, RESTful routing, and shipping full stack applications built from scratch. Lifetime learner with an ardent desire to transition into a role capable of providing immense potential for professional growth, and one who exhibits the competence and ambition necessary to learn specific technology required for the position.

PROJECTS

Bookshelf – An intra-classroom library management and loan app built using Node.js, Express, MongoDB

- Implemented an authentication system for login and library loans using the Passport NPM package
- Created custom ISBN lookup search bar to automate new book additions by utilizing Node-ISBN API
- Developed MongoDB schema for data persistence hosted via mLab subscription

Assessment Tool – An observation-based assessment platform for tracking early learning development

- Designed custom user interface according to teacher recommendations using the JavaFX library
- Created an authentication server for user login requests passed over a multithreaded socket connection
- Increased teacher efficiency by eliminating paper-based recording of student assessments

TECHNICAL SKILLS

Java | C++ | JavaScript | jQuery | Node.js | Express | HTML | CSS

WORK HISTORY

IT Field Technician, 10/2017 to 3/2018
Brooksource – Roswell, GA

- Responsible for the I.T. infrastructure upgrade of more than 2000 assets at North Fulton WellStar Hospital as part of the hospitals EPIC System integration, helping to achieve a successful Go-Live within a 12-month period

Engineering Technician III, 02/2012 – 01/2013
CGI Federal – Jacksonville, NC

- Established an onsite component level repair shop greatly improving the number of available replacement processing units and displays on hand, thus reducing item procurement and shipping costs by 30%

Communications Technician, 11/2005 to 04/2011
United States Marine Corps – Kaneohe Bay, HI

- Performed diagnostic testing and troubleshooting of various communications equipment, managed help desk tickets, and maintained equipment inventory and maintenance logs

EDUCATION

Bachelor of Science in Computer Science, 2014 to 2017
Regis University – Denver, CO

Graduated Magna Cum Laude (3.75 / 4.0)

Courses included:

Modern Software Engineering	Computer Systems Security	Object-Oriented Development
Java Development	Data Networks	Unix OS