Patrick Outler

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About Me

I am a husband, father, veteran, and lifelong learner. I am extremely passionate about learning and technology; I get a great sense of fulfillment from learning and implementing new tools and techniques. Topics I'm currently studying include full stack application development using React and Redux, and software design patterns. My ideal work environment consists of a diverse team with varying levels of experience, where learning and growth are fostered.

Skill Sets

- **JavaScript**
  - DOM scripting, AJAX using XHR
  - **Node.js**
    - **npm**
      - dependency management
      - task management/build scripts
    - Module design patterns
    - REST API development with Express
  - **React.js**
    - Component design and data flow
    - (Currently learning) Redux architecture and state management
- **Java**
  - Basic file IO, OOP methodologies
  - UI development with JavaFX
- **Database Technologies**
  - **SQL/RDBMS**
    - Data modeling and normalization
    - CRUD operations using SQL
  - **MongoDB**
    - (Currently learning) CRUD operations and object modeling using mongoose.js
- **Static Web Pages**
  - HTML, CSS
  - CSS Preprocessing (SCSS and PostCSS)
- **Other tools and technologies**
  - **Git, GitHub**
  - **Bash/Linux command line tools**

Education and Training

- I am currently attending Kennesaw State University, pursuing a Bachelor's of Science in Computer Science. My expected graduation date is December 2019. This semester I am studying software engineering and data structures.

- I am self-taught in web development, via multiple nontraditional resources and professional literature. I am currently diving into full stack JavaScript using Node, Express, and MongoDB, along with React and Redux.

- I received training upon entering the U.S. Army on satellite communication systems. Throughout my military career, I received training on network engineering, administration, and troubleshooting.

Work History

American Express, 2014-2016
Technical Lead
- Assist in developing annual Application Infrastructure Uplift (AIU) roadmap.
- Midrange server optimization (end of life and low utilization programs, cloud migrations, demand management, reengineering, etc.). Serves as a liaison between business and technology divisions, as well as a central point of contact for hundreds of application teams.
- Financial tracking and reporting for a $10+m program, including processing and analyzing raw financial data. Tracking variance between forecast and actual spend, making frequent use of Clarity and SDLC Reporting.

U.S. Army Reserve, Fort Gordon, GA, 2014 – 2016
Satellite Communications Section Leader
- Manage a small team of personnel responsible for installation, configuration, and management of a transportable network node, focused on WAN connectivity.

U.S. Army, Fort Polk, LA, 2011 – 2014
Satellite Communications Section Leader
- Installed, configured, and monitored a transportable network node consisting of Cisco routers, switches, ASA's and Call Manager servers in multiple enclaves, as well as satellite transmission equipment, as part of a small team. Node and network supported anywhere from 10-100 users, in a variety of conditions.

- Managed a small team of personnel in daily operations, including evaluations, training, welfare, and discipline, resulting in increased overall proficiency of the organization.

- Maintained security and accountability of small arms and sensitive equipment totaling over $400,000 for a junior level organization, resulting in zero loss, smooth relocation of the organization, and flawless transition between upper-level management.