Kyle Behm

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SUMMARY

Dexterous full stack developer with three years' experience planning, executing, and managing engineering and development projects seeking full-time employment in a position that utilizes and encourages system innovation and process improvement.

CODING SKILLS

Node.js, React, Redux, JavaScript, JQuery, Mocha, Chai, MongoDB, Mongoose, MySQL, Sequelize, Express, HTML5, CSS3, Bootstrap, Materialize, Handlebars JS, Bash Scripting, MATLAB

TECHNICAL APTITUDES

Agile Methodology, Scrum, DevOps, Test Driven Development, Clean Code, Server Architecture and Management, Machine Virtualization, Ubuntu Desktop and Server, AWS, VPN Setup and Security, SSL/TLS, Pre-Sales, Technical Sales, Process Optimization, Project Management

APPLICATIONS

Happnen | Github | Deployed   **Full Stack Developer**
Happnen is a user-curated events mapping app with a focus on ease of use and freedom of expression. There is also an emphasis on user privacy. Past events are deleted from the database and location can be encrypted.

- Responsible for populating the React map events accurately and applying filters using the controller and react-google-maps
- Designed the initial data structure design and data flow
- Uses: Node, Express, MongoDB, Mongoose, React

WORK EXPERIENCE

System Administrator – *Dures Forest LLC* – **Atlanta**, GA   **Nov 2017 – Present**
Own and operate an independent IT business, holding sole responsibility for setup and configuration of virtual servers in a Node.js and Ubuntu environment, server deployment, server maintenance, process optimization, and resource allocation. This business now runs passively, leaving me free to pursue a career.

Key Accomplishments:

- Designed a process which provides passive income requiring less than 10 hours personal management and maintenance per month
- Carefully reallocated and migrated resources in order to reduce monthly costs by 86 percent
- Learned Ubuntu desktop and server, Bash scripting, and Node.js in order to reduce salary costs by half and increase employee throughput dramatically
- Optimized VPS deployment and maintenance procedures by configuring automated updates, install scripts, and email alert systems
- Maintained virtual server uptime greater than 99 percent

Mechanical Design Engineer – *INTECO PTI* – **Tucker**, GA   **Aug 2015 – Nov 2017**

Designed large scale electromechanical equipment for international and domestic EAF steelmaking. This was my primary role while I simultaneously provided my IT management services.

Key Accomplishments:

- Integrated process updates into my CAD designs creating automatic BoM for our purchaser
- Consulted directly with customers on project design, creating sales opportunities and accurate reporting of customer sentiment
- Designed a hydraulic actuated robotic two phase conveyance and delivery system for use in an incredibly harsh environment
- Traveled overseas to train with our international design team. We established new communication protocols which allowed us to work in tandem when previously there had been significant isolation.
- Designed an oxygen delivery system which improved delivery efficiency by 650 percent over what was previously thought to be possible. INTECO PTI is actively seeking a patent.
- Created mathematical models which were used to optimize the design and costs of product components

Assistant IT Manager – *INTECO PTI* – **Tucker**, GA   **Aug 2015 – Nov 2017**

Assisted in managing and maintaining all network hardware and software for INTECO PTI's Tucker office. This was my secondary role while employed as a mechanical design engineer.

Key Accomplishments:

- Refactored all server documentation into a usable format
- Assisted in redesigning the server backup structure and process which was successfully used for restoration of key files
- Deployed enterprise software and Autodesk products
- Successfully defeated a system wide ransom-ware attack and restored all affected files to their original unencrypted state

EDUCATION

Georgia Tech, Atlanta, GA **–** Full Stack Web Development Bootcamp

An intensive 12-week long boot camp dedicated to designing and building web applications. Areas of focus included Node.js, React, JavaScript, JQuery, MySQL, MongoDB, Express, HTML5, CSS3, Bootstrap, & Handlebars.js.

Mercer University, Macon, GA **–** B.S.E. Mechanical Engineering