UROOJ QURESHI

Everett, WA
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SUMMARY

Mechanical Engineer with a diverse experience within the manufacturing world looking to branch out into other industries. Effective at problem solving and working within cross functional teams to create innovative solutions. Known among colleagues to be flexible, organized, and complete work within a timely manner.

TECHNICAL SKILLS

Front-End: HTML5, CSS, Bootstrap, Material-UI, JavaScript, jQuery, AJAX, React, Vue, Vuex, React Context, Redux, TypeScript, Storybook
Back-End: Node.js, Express.js, MySQL, Oracle SQL, MS SQL, Azure CosmosDB, Sequelize ORM, MongoDB, Mongoose ODM, Shell & Batch scripting
Concepts: APIs, REST, MVC, TDD, JSON, XML, SSO Protocols, SSL certificates
Tools: AWS ElasticBeanstalk, AWS CodePipeline, AWS S3, AWS EC2, Azure Functions, Azure Repos, Azure AppInsights, Git, Github, GitLab, Heroku, Eclipse, VS Code, Python
Project Management: ProTrac, MiniTab, R

EXPERIENCE

Boeing - Everett, WA

Production Engineer, Functional Testing, Level 2 June 2020 - Current

- I own ATA Chapters 29 (Hydraulics), 32 (Landing Gear), and 33 (Lights) for 777 airplanes and perform black-box testing on software functionality of each chapter
- Worked with Industrial Engineering to analyze product life cycle of airplane build to update the baseline schedule for the build process to increase optimization of testing
- Provide necessary request for RFI's to operations to ensure build of airplane in relation to functional testing is being meet as well as implemented correctly
- Project manage design engineers to consistently update and create functional tests to create configuration control across all 777 airplanes

Project Engineer, 777X Wire Install Tool Optimization, Level 1 *June* 2019-June 2022

- In order to decrease wire installation time from a 12 day rate to a 5 day in the B-deck of the airplane a collaborative effort with the 777X tooling team was undertaken and an RCA model was implemented to improve the tooling process which resulted in a reduced rate of 7 days
- Created standard work instructions involving the assembly of wires that allowed the shop floor to decrease and optimize over all wire installation time

Production Engineer, Build Integration, Level 1 January 2019 – May 2019

- Worked within the production engineering team where the build process of customer intro airplanes was assessed and then monitored to ensure factory flow was optimized and customer specific options were correctly integrated into aircrafts
- Collaborated with various stakeholders in the company to implement lean manufacturing strategies and continuous improvement throughout manufacturing and build process of customer intro aircraft
- Present out to senior level leadership on both the executive and factory level spectrum to communicate the results of the analysis of factory flow and where there was potential opportunities for improvement

EDUCATION

Boot Camp Certificate: *University of Washington, Full Stack Development, Seattle, WA*
Degree or Certification: *University of Washington, B.S. Mechanical Engineering*