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|  | SKILLS |  |
|  | **Programming Languages** | Java, Kotlin, JavaScript, TypeScript, HTML5/CSS3, SQL |
|  | **Software Technologies** | Spring, React, Docker, Gitlab-CI, Splunk, Selenium, Jest, JUnit, SonarQube, Cloud Foundry |
|  | EXPERIENCE | |
|  | **Boeing**  March 2019-Present | **Full Stack Developer**  *Development****:***   * Built a website to securely track COVID-19 cases in under 24 hours * Co–produced an app to optimize purchasing that discovered $1 billion in unrealized savings * Utilized Spring Security and OAuth2 to properly authenticate and authorize users * Co-developed an app that generates GitLab-CI pipelines to test and deploy existing apps   *DevOps:*   * Established scalable Selenium browser tests that must pass prior to deployment * Identified and resolved over 150 bugs in production by adding SonarQube and Coverity * Created a code review process for a team of 15 developers that previously did not do them * Implemented Blue/Green deploys so that applications can be released with zero downtime * Introduced a team to persistent chat and set up webhooks for live alerting of failures   *Teaching:*   * Utilized paired programming to teach modern development practices for 1500+ hours * Taught Extreme Programming principles such as Test-Driven Development and CI/CD * Facilitated courses to train developers on deploying software to the cloud |
|  | June 2018-March 2019 | **Data Analyst**   * Created a website using .NET Core and Tableau to host real-time analytics |
|  | August 2017-June 2018 | **Systems Engineer – Risk Management**   * Managed risks, issues, and opportunities for a team of 300+ people |
|  | PROJECTS | |
|  | **Capture the Flag** | Created a publicly available cybersecurity challenge where users can try to “hack” an election |
|  | **Container Security** | Integrated GitLab and Jenkins to scan Docker images pushed to the registry with Snyk |
|  | **Serverless Architecture** | Incorporated AWS Lambda, Cognito, and API Gateway to auth users and expose endpoints |
|  | **Online Clue Game** | Headed a team that developed an online version of Clue using Angular and Firebase |
|  | EDUCATION | |
|  | **Johns Hopkins**  August 2020 | **Master of Science in Computer Science, 4.0/4.0 -** Focused in Cybersecurity  Courses in algorithms, web development, DevOps, web security, cloud security and IOS |
|  | **University of Illinois**  **Urbana-Champaign**  May 2017 | **Bachelor of Science in Aerospace Engineering, 3.77/4.00**  Courses in data structures, algorithms, designing and building UAVs, and the development cycle of aircraft |

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