

Andrew Pieri

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WORK EXPERIENCE

Vanguard – Malvern, PA

DevOps/Application Engineer II

2021 – Present

- Design and develop a scalable front-end of Jira BULK, our team's bulk Jira ticket creation tool, to modernize the site using the Constellation design ecosystem, TypeScript, HTML, SCSS, and JavaScript to abide by Vanguard's brand standards and Technical Project Specialist's needs
- Programming and debugging Jira Bulk's backend, resulting in significant creation efficiency for thousands of jira tickets
- Lead and leverage Akamai in PiTech to redirect Vanguard clients from legacy HNW to modern, which has (to date) redirected approximately 60% of personal.vanguard.com URLs and brought well over 10 million hits to modern
- Implement caching to personal.vanguard, resulting in a 20% reduction in overall traffic and cost to HNW and a 60% reduction in static asset retrieval
- Enhance, update, and debug Ansible platform through on-call support, certificate renewals, migration work (Nexus to Artifactory, BitBucket to GitHub, etc.), and AWS lambdas to ensure steady deployments for app teams
- Provide urgent and long-term support for enterprise-scale application issues such as Edge Redirector lambdas, Akamai redirect issues, client-facing site outages, and Ansible deployment failures

Lockheed Martin – King of Prussia, PA

Software Engineer

2019 – 2021

- Led and deployed large-scale software among multiple product teams to successfully meet customer deadlines
- Automated processes effectively through Bash and PowerShell scripts to lower workload and cost
- Reverse-engineered and documented system processes in an agile environment to improve efficiency
- Awarded individual SPOT Award for taking initiative to ensure team's success

Software Engineer Intern

2018

- Designed and developed front-end software to ensure data was displayed accurately
- Demonstrated extensive Java skills and adapted to new frameworks to meet customer requirements
- Proficiently utilized GitHub and version control in an agile software development environment

Information Technology Intern

2017

- Designed and developed an attractive homepage for the IT support landing page
- Debugged issues with the site while utilizing frameworks such as Bootstrap and AngularJS
- Utilized Java and REST APIs to extract and manipulate data from Jira
- Awarded individual SPOT Award for standout contributions to organizational goals

EDUCATION

Penn State University - State Park, PA

Class of 2019

- Dual Major: Software Design and Development + Cyber Security
- Managed and developed students and websites as Web Administrator for the IST Consulting Group
- Developed a financial simulation website from scratch using Capital One's APIs at Hackathon

TOOLS AND SKILLS

- **Tools:** Constellation via StoryBook; Angular; React; Figma; HTML; CSS + SCSS; JavaScript; JSON; Python; Java; C#; Git; AI Tools (GitHub CoPilot, Microsoft CoPilot); Mac/Windows/Linux
- **Technical skills:** Learning new languages and tools; AI Usage and Integration; Front and Back-End Development; API Integration; Implementing code from designs; Unit Testing; Prototyping; Usability and accessibility testing; Visual design; Adhering to branding and style guidelines; Maintaining consistency throughout design
- **Soft skills:** Scrum management; Client collaboration; Cross-functional Teamwork; Problem-Solving; Time Management; Accountability; Creativity and Innovation; Passion for web development and inclusive user design

CERTIFICATES/AWARDS

- Lockheed Martin Individual SPOT Award for outstanding initiative in ensuring team agile success
- Lockheed Martin Individual SPOT Award for outstanding contributions to organizational web development goals
- National Security Agency Certificate of Achievement
- LinkedIn Certifications for Ansible, Python programming, and Kubernetes