

## EXPERIENCE

---

Software Engineer <i>KPMG</i>	2021-2023
<ul style="list-style-type: none"><li>☞ Lead an international team of 5 UI developers to create a React UI for showing internal and external users the status of Azure and Informatica data ingestion pipelines and a data accelerator library. I was involved in all stages of the project with the following duties:<ul style="list-style-type: none"><li>○ Gathering requirements from management, collaborating with design teams to iterate on these requirements to create new features, and converting them to concrete sprint tasks every 2 weeks for 9 months that I delegated to team members and myself.</li><li>○ Implementing and testing React frontend features and Python backend API endpoints.</li><li>○ Writing scripts and collaborating with infrastructure teams to deploy applications to Azure App Service and to AKS in non-production and production environments.</li><li>○ Mentoring and guiding new developers on the project and team at large.</li></ul></li><li>☞ Designed and built two demo dashboards: one to display cybersecurity metrics in order to give clients a deeper insight into the overall health of their systems, the other to give a high level overview of dataset cleansing status intended for data analyst teams.</li><li>☞ Supported a project management and application migration team to migrate 47 applications to a new cloud environment for use by thousands of users. I filled in gaps where a technical eye was needed and provided the following services:<ul style="list-style-type: none"><li>○ Designed and implemented automated reporting for tracking migration task progress and deadlines using .NET/C# and Python to both better inform the client and save 15 hours of manpower per day manually inputting and sharing data. This improvement allowed for daily reporting and consistency across the data shared.</li><li>○ Facilitated conversations with client and internal engineers over the course of 6 weeks to gather requirements and design a Hypercare process for all 47 of the migrated applications.</li></ul></li></ul>	

Software Validation Intern <i>Intel Corporation</i>	2019-2020
<ul style="list-style-type: none"><li>☞ Redesigned and built a web-based user interface for a Bluetooth qualifications results database to replace and improve upon a much slower GUI. The net result of the project was a performance improvement that cut query times by more than half. The application tech stack leveraged Django, Javascript, HTML, CSS, and SQL.</li><li>☞ Maintained existing test automation in Python. Tracked and reported results in Jira, and worked with development team to root cause issues.</li><li>☞ Built a suite of Python based projects to support compliance with the Bluetooth Special Interest Group (SIG).The automated tasks included:<ul style="list-style-type: none"><li>○ Equipment humidity and temperature monitoring</li><li>○ Daily reporting of nightly test execution results</li><li>○ The ability to test the same test cases across multiple firmware builds to compare results.</li></ul></li></ul>	

## SKILLS AND CERTIFICATIONS

---

<b>Programming</b>	Python, ReactJS, C, C++, C#, SQL, Flask, Django, Socket Programming, NodeJS, JavaScript, JSON, XML, Bash Scripting
<b>Tools</b>	Linux CLI, Windows CLI, Git, Docker, Kubernetes, Terraform, Azure DevOps, Azure Pipelines, Azure App Service, VirtualBox, Wireshark, Postman, Swagger, PostgreSQL, MySQL
<b>Certifications</b>	AWS Certified Cloud Practitioner (2021), Azure Fundamentals (2022), Azure Data Fundamentals (2023)

## LEADERSHIP AND RECOGNITION

---

<b>Presenter at KPMG UI/UX Guild</b>	2023
Presented a talk and demo about the importance of wireframing and prototyping before implementing a user interface	
<b>Presenter at KPMG Cloud and Software Engineer Knowledge Sharing Session</b>	2023
Presented information about studying for and taking the Azure Data Fundamentals exam	
<b>Intel Recognition: Quality</b>	2020
Recognized for demonstrating Intel's Quality value increasing Bluetooth qualification testing throughput and CI coverage to sustain Intel's qualification compliance.	

## EDUCATION

---

BSc. Computer Science <i>Pacific University</i>	2021
<b>Related Courses:</b> Data Structures, Networking, Theoretical Computer Science, Algorithms, Statistics, Databases, Operating Systems, Computer Security, Web Frameworks, Advanced Object Oriented Programming, Java/Android Development	