

Professional Experience Summary

Highly-skilled Senior Software Developer with a robust background and a passion for designing and delivering IT solutions. Excels at creating lasting relationships with clients, bringing value through my adept understanding of cross-functional roles in Project Management, Software Development, Cyber Security, and Business Analysis. Specialized in delivering projects and solutions for both federal and commercial clients, working in a multifaceted role to offer comprehensive solutions in cloud computing, cyber security, software development, and systems engineering. My key strengths lie in strategic planning and implementation, focused on ensuring the highest value delivery and ultimate satisfaction of the customer.

Education & Certifications

BS, Computer Science

James Madison University



Professional Experience

Lead/Senior Software Developer

April 2023 – Present

Responsibilities

- Utilize extensive AWS expertise to manage and enhance customer relationships, aligning technical solutions with business objectives, and collaborating with the sales team to drive product adoption and retention, resulting in increased customer success and satisfaction.
- Lead the development of a cloud-based Software as a Service (SaaS) tool leveraging Artificial Intelligence technologies to provide advanced analytics, improve business insights, and drive operational efficiency for our customer.
- Lead the development of H app (CNE tool), primarily focused on GUI UI/UX design and development and backend server communication
- Collaborate with stakeholders across the organization to devise new frameworks and methodologies, significantly improving delivery processes and operational efficiencies, ultimately contributing to the overall performance and success of the company.
- Develop and integrate new software features, enhancing product functionality, user experience, and meeting evolving business and customer needs.
- Conduct Agile ceremonies with customer, including sprint planning, daily stand-ups, and retrospectives, fostering team collaboration and continuous improvement.
- Collect and translate customer requirements into actionable user stories, effectively converting them into functional features, thereby ensuring customer satisfaction and product relevance.
- Design and maintain cloud based Continuous Integration/Continuous Deployment (CI/CD) pipeline, enabling streamlined code deployment, rapid iterations, and improved reliability of the software development process.

Major Accomplishments

- Led a cross-functional team within a larger project, directly contributing to the design, development, and deployment of the H app and Case Management app. These tools significantly reduced operational workload by over 50% and automated key processes. As the lead developer and team lead for our Task Order (TO), I coordinated efforts among 6-8 teams, ensuring seamless integration and alignment with overarching project goals, while driving the modular architecture that allowed for enhanced compatibility with both custom and third-party CNE solutions.
- Led the end-to-end design, development, and successful launch of two AI-driven applications focused on plain language processing and proposal writing. The implementation of the proposal tool resulted in a significant reduction in RFI/RFP processing time, enabling the company to respond to proposals 10-12 times faster, directly boosting business development opportunities.

Tools and Techniques Leveraged for Success

- **Cloud & DevOps:** Kubernetes, OpenShift, Docker, Helm, AWS Cloud Services (Lambda, RDS, S3, EC2, Cognito, IAM, Amplify, CodeCommit)
- **Development:** JavaScript, REACT, Vue, Python, SpaCy
- **Collaboration & Project Management:** Gitlab, JIRA, Confluence
- **Frameworks & Methodologies:** Project Management Institute Standards and Agile Alliance Agile Practices, Customized Software Development Lifecycle Cycle, Company Values, Company Delivery Methodologies, and Operations Framework, CMMI and ITIL Service Delivery Models

Senior Project Manager & Cloud Consultant

Nuvitek - September 2020 – April 2023

Responsibilities

- Directed the development and security management of low-code cloud platforms, ensuring all software delivered adhered to the outlined scope and met customer requirements for functionality, performance, and reliability.
- Developed and integrated new software features, enhancing product functionality, user experience, and meeting evolving business and customer needs.
- Provided Agile mentorship to the customer and across the team to ensure that Agile values were fostered and Scrum Methodologies and the value of Sprint Planning, Backlog grooming, Sprint Review/Demos and Retrospectives ceremonies were actualized.
- Led and motivated teams of 7-10 people to include software developers, data architects, business analysts, and testers to design and deliver software solutions to meet the needs of our customers.
- Designed, constructed, and executed the project plan, project schedule, customer engagement meetings, meeting agendas, project roadmap, and test plans with a strong focus on security considerations, fostering secure customer engagement and aligning project roadmaps with cyber security objectives.
- Collaborated with the development team and product owner to analyze stakeholder needs and define functional requirements.
- Constructed project roadmaps displaying all the software releases and expected deployment dates.
- Created and maintained project status reports to brief directly with corporate leadership and C suite executives to manage risks, issues, and ensure company core values, project management review metrics, and customer satisfaction metrics were being met.
- Successfully developed and executed User Acceptance Testing plans, procedures, use cases, and test scripts to uncover, identify and document software problems and their causes.
- Worked with Human Centered Design teams to review and design wireframes, mockups and incorporated customer and business needs into the overall design reviews and decisions.

Major Accomplishments

- Led the design, development, migration, and launch of a \$5M permit management system for NOAA Fisheries that reduces the time to process and issue commercial permits by 10x and improves the constituent experience. Customer relationship led to a 4-year follow-on contract worth \$4.5M.
- Drove the final development and migration of a \$6M Legal Case Management Consolidation and Modernization Project that led to the successful launch and adoption by the customer that reduces thousands of hours of manual processes and improves the overall effectiveness of the law enforcement mission.
- Developed a new low-code custom delivery framework to jumpstart all low-code projects in the company leading to the award of \$10M in new business with new and existing customer agencies.
- Streamlined the new-hire onboarding process and hardware procurement/management process leading to an enhanced employee experience from day one and company-wide asset management plan.

Tools and Techniques Leveraged for Success

- Amazon Web Services, JIRA, Confluence, Appian, ServiceNow, SAIL, MariaDB, SQL, BPMN Diagram, Project Management Institute Standards and Agile Alliance Agile Practices, Customized Software Development Lifecycle Cycle, Company Values, Company Delivery Methodologies, and Operations Framework
- CMMI and ITIL Service Delivery Models

Software Security Engineer**Society for Worldwide Interbank Financial Telecommunication (S.W.I.F.T.) - June 2013–Sept. 2020****Responsibilities**

- Led and managed security teams of 5-10 professionals, including Security Engineers, Architects, Administrators, and System Administrators, in the design, deployment, and maintenance of critical security infrastructure across global multi-site environments.
- Directed and executed the deployment and maintenance of the global Splunk and Splunk ES platforms across multi-site data centers, enhancing the security posture through real-time monitoring and alerting.
- Oversaw the investigation, triage, and resolution of issues related to cyber tooling and virtual infrastructure, collaborating closely with Red Teams, SOC, and Operations teams to ensure alignment with security objectives.
- Designed and developed key software solutions, including the migration of legacy web portals from PHP to Python/Django, and contributed to automation improvements that increased operational efficiency.
- Participated in Agile ceremonies and Red Team exercises, contributing to the company's enhanced security posture through continuous improvement initiatives.
- Provided performance reviews, continual feedback, coaching, and career growth opportunities for direct reports, ensuring team alignment with organizational goals.
- Participated in a 24x7x365 on-call rotation to ensure proper management of cyber and operational incidents

Major Accomplishments

- Spearheaded the design, development, and global launch of a Security Incident and Event Monitoring (SIEM) system and logging infrastructure, leading to a 50% annual reduction in cyber incidents and significantly improving the company-wide security posture.
- Managed the successful deployment and ongoing support of critical security infrastructure, directly contributing to the enhancement of the global banking industry's cyber defenses.
- Successfully led the migration of a legacy web portal from PHP to Python/Django, improving system performance, security, and user experience.
- Delivered significant improvements to in-house automation tools, reducing manual workload and increasing the efficiency of daily security operations.

Tools and Techniques Leveraged for Success

- **Security & Monitoring:** Splunk, Splunk ES, Syslog-NG, F5 WAF, Juniper STRM, McAfee EPO
- **Development:** Python, Django, Java, Javascript, XML, HTML, MariaDB, Oracle, Perl, Bash, JIRA, Confluence
- **Operating Systems:** RHEL, Solaris, HP-UX, Windows AD
- **Frameworks & Methodologies:** Agile Practices, MITRE ATTCK Framework, OWASP Penetration Testing Methodologies, Company Values, Company Delivery Methodologies, and Operations Frameworks