Joshua Maddox

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Summary

Dynamic Software Engineer with a proven track record at USAA, specializing in API development and enterprise modernization. Expert in designing cloud-ready solutions and enhancing developer efficiency through innovative GenAI initiatives. Adept at risk management and fostering collaboration, delivering impactful results in complex environments.

Skills

- API development and integration
- Enterprise modernization
- Cloud architecture and AWS solutions
- Batch job design and validation
- RESTful microservices
- Site reliability engineering
- DevOps practices and automation
- API governance and collaboration
- Risk management and compliance
- Agile methodologies
- Software development life cycle (SDLC)

Experience

SOFTWARE ENGINEER / TECHNICAL SME - FINANCIAL SERVICES | 01/2017 - Current

USAA

- Designed and implemented RESTful APIs with Spring Boot for secure, scalable integration across services.
- Contributed to front-end development using React JS, collaborating with UX and product teams.
- Led initiatives for GenAI Copilot enterprise context instructions, enhancing developer efficiency significantly.
- Coordinated modernization efforts for third-party policy administration platform, ensuring successful upgrades.
- Built reusable tools to validate core business processes through legacy and upgraded systems.
- Developed comparison tools to verify data accuracy across vendor-supported platform versions.
- Designed cloud-ready solutions utilizing AWS services for integration pipelines and API management.
- Integrated automated testing frameworks, improving release automation and reducing production risks.

Education

Prairie View A&M University - Prairie View, TX | Bachelor of Science

Computer Science, 05/2018