

Odis J. Harkins

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Cloud Solutions Engineer

Engineering a high quality, stable and scalable application by integrating the necessary technologies.

Experienced Cloud Solutions Engineer with 10+ years of software design and development experience in conventional technologies and extensive expertise in public cloud platforms such as AWS, Microsoft Azure, Digital Ocean, and Google Cloud. Strong leadership and mentoring skills, specialized in serverless architecture, event-driven architecture, database design, development, and maintenance in a Cloud environment

Core Competencies:

Mobile Application Development | Full-Stack Development | Application Development | Performance Testing | Continuous Integration | Version Control | Testing & Document Management | Software Development Life Cycle (SDLC) | Client Solutions Delivery | Infrastructure Automation | Cross-Functional Communications | Team Leadership | Stakeholder Presentations | QA | Cost Optimization | Data Pipeline Optimization | Cloud Computing | Serverless | Event Driven | SCRUM

Professional Experience

Sr. Software Engineer | Tyler Technologies | 2020-Present

- Led implementation of enterprise-wide image management solution, driving cross-divisional collaboration to optimize storage and eliminate redundancies, yielding significant cost savings
- Orchestrated migration from legacy monolithic backend to serverless architecture, ensuring compliance with CJIS and NCIC requirements
- Championed serverless-first approach, reducing costs while enhancing system reliability and redundancy
- Established CI/CD pipelines, improving build consistency and accelerating product deployment cycles
- Designed and deployed serverless projects leveraging AWS resources and CloudFormation for infrastructure as code
- Spearheaded migration from SQL Server to DynamoDB, boosting application performance and service reliability
- Architected serverless workflow for mobile application, using a combination of AWS services including S3, Lambda, Event Bridge API Gateway, SQS, SES, SNS, Cloud Formation, and Step Functions.
- Implemented robust authentication systems using Okta, OAuth 2.0, and Amazon Cognito

Key Contributions

- Used .NET (Core)/C# and API patterns, JavaScript, Angular and Mobile Development.
- Exhibited excellent coding skills and offers extensive expertise in software/application development.
- Designs and utilizes AWS Serverless Architecture or SaaS to increase application resilience and performance.
- Demonstrated ability to work extensively on both the client side and the server side of technologies; highly adept at recommending business process improvements and advancing shared organizational goals.
- Developed and architected applications and solutions that fuel operational improvements and profitability.
- Strong ability to lead teams and ensure project deliverables are administered on time.
- Recognized as a quick learner and detail-oriented professional who also understands the bigger picture.
- Demonstrates solid domain knowledge to support highly visible application development project creation.

Conversion Developer | Tyler Technologies | 2019-2020

- Developed custom scripts and tools to transform complex data structures into Incode 10-compatible formats, enhancing system interoperability
- Maintained high customer satisfaction and retention rates through proactive problem-solving and timely resolution of inquiries and challenges
- Provided comprehensive project lifecycle support, including regular stakeholder updates and effective communication management

Mobile Software Engineer/Lead Full-Stack Developer | CUC Software | 2015-2019

Led migration from legacy application to cloud based framework and migrated ActionScript mobile application to Xamarin(C#).

Maintained legacy mobile product, managed office servers, cloud servers and networking systems. Drove productivity by presenting action plans, providing level 3 help desk support, training teams on systems functionality, creating video documentation, managing projects/teams, and maintaining team education and growth initiatives.

Systems Administrator/Full-Stack Developer (Remote) | Grassfire Nation | 2013-2015

Developed customer engagement tools, integrated API's, installed WordPress and maintained servers with caching and horizontal scalability on AWS. Implemented ad campaigns to increase advertising revenue and brand awareness.

Junior Programmer/Level 3 Help Desk Support | Teen Mania Ministries International | 2012

Designed and implemented new software solutions, and maintained legacy and in-house software (CRM, financial, intranet, registration systems, reporting). Administered web and virtualization servers, source control, QC, and authorization. Mentored, coached, developed, and supervised development staff and interns for optimal performance and software standard compliance. Directed customer service and help desk tickets through streamlined resolution.

PREVIOUS WORK HISTORY:

IT Technician/Web Administrator, US Water Rescue, 2011 | **IT Technician**, Montana State University, 2010

Education & Certification

BS, Business/Communications, Regent University