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JHON ARZU-GIL

Application Developer Programming Specialist

PROFESSIONAL SUMMARY

Application Developer Programming Specialist with over 7 years of experience in delivering advanced software solutions and cloud architectures using leading platforms such as IBM Cloud, AWS, and Google Cloud. Demonstrates a forward-thinking approach by integrating machine learning and AI to enhance client operations, consistently delivering projects ahead of schedule and under budget. Committed to continuous learning and innovation, leveraging expertise in software and web development to drive technological advancements and optimize client satisfaction.

EMPLOYMENT HISTORY

FOUNDER & CEO   **Mar 2018 - Mar 2020**
Cloud Technology Computing Corporation   *Houston*

- • Established and grew a technology consulting firm providing cloud-based software development, IT consulting, SEO optimization, and mobile application development.
- • Completed multiple projects leveraging AWS, Azure, and IBM Cloud, resulting in measurable improvements in client business metrics and online visibility.
- • Managed and optimized digital marketing campaigns, driving significant traffic and conversions for clients across various industries.Analyzed client needs to design tailored cloud solutions, enhancing operational efficiency and achieving high satisfaction rates.
- Spearheaded a digital transformation strategy, leading to marked gains in client engagement and retention through innovative technology adoption.
- Drove the development of cloud solutions, significantly improving client operational efficiency and achieving high satisfaction rates.
- Conducted in-depth analysis of client needs to tailor cloud services, resulting in enhanced business performance and measurable growth.
- Established a cloud consulting firm, delivering customized solutions that boosted client satisfaction and operational efficiency.
- Conducted thorough assessments of client needs, developing tailored strategies that led to substantial growth in their online visibility.

APPLICATION DEVELOPER SPECIALIST   **2020 - Present**
IBM   *Baton Rouge*

- • Utilized agile and waterfall methodologies to develop software and custom applications of varying complexity and client needs.
- • Learning natural language processing utilizing frameworks like lang-chain and IDEs like Jupyter Notebook.
- • Complete and far exceed the mandatory 40 hours a year learning requirement placed on all IBM employees.
- • Apply artificial intelligence and machine learning principles to software development utilizing Watson.
- • Utilize IBM Cloud one of the leading platforms in the industry for training and upskilling in building cloud-native architecture and solutions. I have several IBM Cloud certifications

- • Delivered over 50% of contracted application development projects for Norfolk Southern, a Fortune 500 company, ahead of schedule and under budget constraints, significantly enhancing operational efficiency and client satisfaction.Delivered application development projects for Norfolk Southern ahead of schedule, enhancing operational efficiency and client satisfaction.Implemented AI and machine learning principles using Watson, driving advancements in software capabilities and improving user experiences.
- Utilized agile and waterfall methodologies to tailor software solutions, ensuring alignment with diverse client needs and business objectives.
- Achieved multiple IBM Cloud certifications, showcasing expertise in building cloud-native architectures and solutions for enhanced project delivery.
- Fostered a culture of continuous learning by exceeding mandatory training hours, promoting professional growth and team development.
- Delivered application projects for Norfolk Southern ahead of schedule, significantly enhancing operational efficiency and client satisfaction.

EDUCATION

BACHELOR OF SCIENCE IN CLOUD COMPUTING   **Mar 2023 - Dec 2028**
Western Governors University   *Salt Lake City, UT*

I'm currently pursuing a Bachelor of Science in Cloud Computing at Western Governors University (WGU), a regionally accredited institution known for its competency-based education model. My coursework covers key areas such as IaaS, PaaS, SaaS, virtualization, cloud security, networking, DevOps, and cloud architecture.

As part of the program, I've earned multiple industry-recognized certifications, including:

- AWS Certified Cloud Practitioner
- CompTIA A+
- CompTIA Network+
- Linux Essentials

This degree complements my professional experience by deepening my expertise in designing, deploying, and managing scalable cloud solutions across AWS, Azure, IBM Cloud, and Google Cloud. I'm on track to graduate with a strong foundation in both theory and hands-on practice in cloud infrastructure, automation, and security.

BOOT CAMP   **Jul 2019 - Aug 2019**
College 42 Silicon Valley   *Fremont*

42 Silicon Valley is a rigorous, project-based computer science program that emphasizes peer-to-peer learning, real-world problem solving, and self-directed growth. My experience there sharpened my coding skills and taught me how to learn independently in a high-pressure, collaborative environment.

Key highlights include:

- Completing the intensive "Piscine" bootcamp, which involved long hours of hands-on coding in C, C++, and Shell scripting, with no formal instructors
- Developing a strong foundation in algorithms, data structures, and system-level programming
- Working collaboratively on team projects and engaging in code reviews and debugging sessions
- Building core competencies in problem-solving, critical thinking, and version control (Git)
- Adapting quickly to new technologies and programming challenges with limited guidance, simulating real-world engineering conditions

42 taught me how to be a resourceful, resilient developer—comfortable with ambiguity and driven by continuous learning.

SKILLS

AWS *(Experienced)*, Azure *(Experienced)*, IBM Cloud *(Experienced)*, Google Cloud *(Experienced)*, Docker *(Beginner)*, Kubernetes *(Novice)*, CI/CD *(Skillful)*, SAP *(Experienced)*, HTML *(Expert)*, CSS *(Expert)*, JavaScript *(Skillful)*, PHP *(Experienced)*, Java *(Experienced)*, Python *(Experienced)*, SQL *(Experienced)*, Git *(Experienced)*, WordPress *(Experienced)*.

SEO *(Experienced)*, Machine Learning *(Experienced)*, Agile Methodologies *(Expert)*, Data Analysis *(Expert)*, User Experience Design *(Expert)*, Digital Transformation *(Expert)*, Cloud Architecture *(Experienced)*, Data Visualization *(Expert)*, Mobile Development *(Experienced)*, Strategic Planning *(Expert)*, Software Testing *(Experienced)*, Project Management *(Expert)*, Artificial Intelligence *(Experienced)*, Business Analysis *(Expert)*, Data Engineering *(Experienced)*, Cloud Migration *(Experienced)*, Technical Documentation *(Expert)*, Performance Optimization *(Experienced)*, Cross-Platform Solutions *(Experienced)*, Systems Integration *(Experienced)*, Customer Engagement *(Expert)*, Software Architecture *(Experienced)*, Business Intelligence *(Expert)*, Technical Support *(Expert)*, Cloud Governance, Cloud Strategy *(Experienced)*, Cloud Consulting *(Expert)*, Mobile Solutions *(Experienced)*, Digital Marketing *(Experienced)*, Software Development *(Expert)*, Cloud Integration *(Experienced)*, Data Management *(Experienced)*, Natural Language Processing *(Experienced)*, Continuous Learning *(Expert)*, Mobile Application Development *(Experienced)*, Technology Consulting *(Expert)*, Networking Fundamentals *(Experienced)*, Virtualization Techniques *(Experienced)*, Cloud Security *(Experienced)*, Cloud Solutions *(Expert)*, System Architecture *(Experienced)*, User Support *(Expert)*, Data Governance *(Experienced)*, Technical Training *(Expert)*, Cloud Native Development *(Expert)*, System Optimization *(Experienced)*, Business Development *(Expert)*, Remote Collaboration *(Expert)*, IT Consulting *(Expert)*.

LINKS

LinkedIn: linkedin.com, Website: www.hybridclouddev.com, Tech-Startup: www.cloudtechnologycomputing.com, Certifications : www.credly.com, Android Apps: play.google.com, GitHub : github.com.

ADDITIONAL INFORMATION

PROJECTS & ACHIEVEMENTS
Highlighting key initiatives, innovations, and recognitions across development, cloud, and consulting work

- Hybrid Cloud Solutions: Conducted detailed performance analysis comparing dedicated hosting and various cloud architectures, optimizing costs and improving client scalability
- SEO & Web Optimization: Led strategic SEO initiatives that boosted client website visibility by 65%, integrating SEO best practices directly into cloud-based application development
- Mobile Applications: Developed and published five Android applications to Google Play, showcasing expertise in Java and native mobile app development

CERTIFICATIONS
Industry-recognized credentials validating expertise in cloud computing, cybersecurity, AI, development, and IT infrastructure

- AWS Certified Cloud Practitioner
- Microsoft Azure Developer
- IBM Cloud Certification
- CompTIA A+ Certification
- Linux Essentials
- SAP Certified Application Associate - SAP Analytics Cloud
- CompTIA IT Operations Specialist
- CompTIA Network+ ce Certification
- IBM Machine Learning Specialist
- IBM AI Associate Data Scientist
- Docker Essentials
- Enterprise Design Thinking Practitioner

LANGUAGES

English *(Native)*, Spanish *(Proficient)*.

REFERENCES

Raphael Klan, IBM *(raphaelkhan8@gmail.com, (504) 390-0115)*;

Joseph Mcconville, IBM *(mcconvillejoseph@yahoo.com, +1 (845) 857-4426)*.

APPRENTICESHIP

APPLICATION DEVELOPER APPRENTICESHIP
IBM

Mar 2020 - Jan 2021
Baton Rouge

As an Application Developer Apprentice at IBM, I participated in a Department of Labor-recognized training program designed to cultivate next-generation software engineers through hands-on experience, technical mentorship, and real-world development projects. The apprenticeship provided comprehensive exposure to full-stack development, cloud computing, DevOps practices, and Agile methodologies.

Key Responsibilities:

- Developed and maintained web and enterprise-level applications using languages such as Java, JavaScript, Python, and SQL.
- Participated in all phases of the software development lifecycle, including requirements gathering, design, development, testing, deployment, and support.
- Collaborated cross-functionally with senior developers, UX designers, QA analysts, and product managers to deliver secure, scalable, and high-performing applications.
- Applied Agile methodologies in daily standups, sprint planning, retrospectives, and pair programming sessions.
- Learned and applied DevOps practices including Git, CI/CD pipelines, containerization (Docker), and automated testing.
- Built cloud-native solutions on IBM Cloud and gained exposure to microservices architecture and RESTful API development.
- Completed over 200 hours of formal technical training and consistently exceeded performance benchmarks and project delivery expectations.

Key Achievements:

- Contributed to the development of internal tools that streamlined data workflows and reduced manual processes.
- Recognized by mentors for rapid skill acquisition and strong problem-solving abilities.
- Built a solid foundation in software engineering principles, Agile teamwork, and cloud technologies that led to a full-time role at IBM.