Rey Christopher D. **Aparece**

Software Engineer

Baja California

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Education

Columbia University   *New York, NY*
B.A. in Computer Science, Software Systems Track   *Jul. 2020 - May. 2023*
- *Relevant Coursework*: Data Structures & Algorithms, Computer Organization & Architecture, Programming Languages & Translators, Distributed Systems, Operating Systems, Intro to Databases, Advanced Databases, Cloud Computing

Technical Skills

Programming Languages	Python, JavaScript
Databases	MS SQL, PostgreSQL
Cloud Platforms	AWS, Microsoft Azure
Devops Tools	Git, GitHub, Docker

Experience

Software Development Engineer

WEX Health   *Jul. 2023 - Aug. 2024*
- Designed and deployed APIs in Swift and Objective-C, enhancing app functionality and user experiences by allowing seamless integration with diverse data sources.
- Implemented data-driven CI/CD pipelines, improving deployment times by 30%, enabling rapid iterations in response to shifting business needs.
- Collaborated with cross-functional teams to optimize backend operations and API standards, ensuring consistent data formats across multiple platforms.
- Utilized Azure and Jenkins to manage and streamline deployments, resulting in a 40% reduction in build failures and improved software reliability.

Software Engineer Intern

WEX Health   *Sep. 2022 - Jul. 2023*
- Developed automated test scripts in Python and C#, enhancing testing efficiency by 30%, ensuring quality control for application performance.
- Contributed to Agile team practices, ensuring smoother workflows and quicker turnaround in software releases, facilitating iterative improvements.
- Validated data integrity through MS SQL testing processes, ensuring 99% accuracy in systems handling large datasets, crucial for data reliability.
- Engaged in CI/CD pipeline processes, gaining valuable experience managing code releases in a production environment, crucial for operational roles.

Base Expeditionary Targeting and Surveillance Systems Operator and Team Leader

United States Army   *Apr. 2014 - Apr. 2020*
- Managed intelligence systems integrated with ISR and geospatial analysis tools, optimizing data flow for real-time decision making across operations.
- Leveraged advanced technologies to automate data collection processes, increasing efficiency and enabling robust situational analysis during missions.
- Coordinated team efforts to utilize geospatial data for strategy development, supporting high-stakes decision-making processes in operational environments.
- Awarded the Army Achievement Medal for technical leadership and commitment to operational excellence, showcasing skills in high-pressure environments.

Projects

DNYF: Study Buddies

Microservices Developer   *2022*
- Collaborative development of a group study web application for Columbia University students, published on AWS Cloud Front.
- Implemented Microservices architecture with REST APIs, utilizing Node.js, Python, Vue, and MySQL.
- Deployed microservices containerized using Docker to AWS EC2, ensuring scalability and efficient data management.

Resume Optimization and Compilation Tool

Individual Developer   *In active development*
- Designed a resume optimization tool that tailors resumes for job applications using Node.js, Docker, and the OpenAI API.
- Automates resume content adjustments to align with job descriptions, enhancing ATS compatibility, crucial for modern hiring processes.
- Utilizes LaTeX for resume formatting, ensuring professional presentation, while providing a change summary for adjustments made.