Duc Nguyen

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Skills

Programming Languages: Kotlin, Java, Python, C#, HTML/CSS

Technologies & Tools: AWS, Spring Boot, Gradle, Jenkins, Docker, Flyway, Git, GitHub Actions, Elastic Cloud, Grafana, Kafka, IntelliJ, MySQL, OpenShift, ArgoCD, Kubernetes, Node.js, React, Unity, Unreal Engine

WORK EXPERIENCE

Software Engineer

Triton Digital   Jul 2022 - Current

- Developed and maintained REST API services, supporting over 50,000 daily transactions and reducing response times by 20%.
- Troubleshot production issues during on-call rotations, promptly resolving incidents, and collaborating with client teams to identify root causes and implement lasting solutions.
- Managed containerized applications and orchestrated deployments using Kubernetes, OpenShift, and ArgoCD, achieving 99.9% application uptime.
- Conducted unit, integration, and system tests, increasing code coverage to 85% and reducing bug-related incidents by 30%.
- Documented architectural designs and requirements, facilitating clear communication among team members and stakeholders.
- Monitored applications with Grafana, reducing downtime by 25% through proactive health checks and alerts.
- Reengineered legacy code into the Spring Batch framework, improving system performance by 25% and reducing processing time by 40%.
- Implemented multi-currency support, expanding the customer base by 15% and increasing international transaction volume by 10%.

Game Developer

Bobaface   Apr 2021 - May 2022

- Engineered game mechanics and physics objects for an engaging mobile game experience
- Collaborated with artists and UI designers to create visually appealing, user-friendly front-end interfaces.
- Devised and implemented gameplay features and level difficulties to enhance player engagement, increasing average session length by 10%.
- Deployed the mobile game on iOS App Store and Google Play, ensuring a seamless release process.

Software Developer

Boise State University   Jan 2020 - May 2022

- Designed and developed system architectures to support multi-platform projects, including iOS, Android, VR, and AR, ensuring scalability and high performance.
- Integrated data storage on the Amazon AWS server for seamless application hosting and management.
- Engaged in project meetings with clients, team leaders, team members, and project managers, providing valuable input and conducting demonstrations to showcase project progress and validate requirements.

EDUCATION

BOISE STATE UNIVERSITY

Bachelor of Science   Aug 2018 - May 2022

Major in Games, Interactive Media, and Mobile

Minor in Computer Science