Dustin Barnes

- Email: dustin.barnes@gmail.com
- Phone: 206-218-5120
- LinkedIn: https://www.linkedin.com/in/dustinbarnes/
- GitHub: https://github.com/dustinbarnes

A 20+ year Software Engineering veteran with deep and broad experience in software development, CI/CD, cloud migrations, platform modernizations, developer productivitiy, and championing SDLC best practices.

Skills

- Java 8/11/17
- CI/CD
- Kanban
- Test Automation
- Agile/Scrum
- Linux
- Kubernetes (K8s)
- NodeJS
- GitHub
- GitLab
- HTML/CSS/JS
- GCP
- AWS
- NodeJS/TypeScript

Work History

Celonis

Senior SDE (Remote, Developer Tools) (2023-09 to 2025-05)

Built a team to focus on developer tools, developer productivity, and developer experience.

Highlights:

- Implemented K8s-based hybrid-local development solutions (telepresence, mirrord)
- Dramatically simplified engineering onboarding and ramp-up (months to days)
- Unified CI/CD processes for product organization
- Enabling certification for FedRAMP
- Heavy use of GitHub Actions (GHA) for automation
- Grew team from 1 to 6 members

Tech Used:

- GitHub
- GitHub Actions
- K8s
- Bash
- Docker
- ArgoCD

- Node/TypeScript
- Java 8/11/17+
- Maven
- DataDog
- Mirrord

LivePerson

Senior SDE (Developer Tools) (2022-02 to 2023-03)

Original member of team tasked to level-up the CI/CD practice across the entire organization.

Highlights:

- Ran multiple PoCs for unified CI/CD tooling
- Wrote automation tooling to migrate repositories from GitHub to GitLab
- Migrated 500+ repos from TeamCity/Jenkins to GitLab CI/CD
- Focus on Developer Experience, and providing a developer platform
- Unified story for code, testing, deployment, monitoring, logging, metrics, security, and maintenance

Tech Used:

- GitHub
- GitLab
- JavaScript
- NodeJS
- TypeScript
- Java 8/11/17
- Bash
- Kubernetes (K8s)
- Docker/Containers
- GCP
- ELK Stack
- ServiceNow
- Prometheus
- Static Analysis
- Security Testing
- JIRA, Confluence

LivePerson

Senior SDE (Product) (2019-04 to 2022-02)

Managed transition to horizontal scaling, while advancing the team's CI/CD practice and deployment patterns.

Highlights:

- Led transition to horizontal scaling for primary backend messaging product (>1m per day)
- Java8, large 10+ years old code base, shard-based solution
- Customized Nginx with Lua for real-time traffic management
- Drove a feature-flag system to reduce risk during releases
- Drove many efforts to adopt SDLC and CI/CD best practices

Tech Used:

- Java 8/11/17
- Maven
- Puppet
- Virtual Machines (VMs)
- K8s
- TeamCity

- Jenkins
- JavaScript
- NodeJS
- CI/CD
- ELK stack
- ServiceNow
- Spring
- Prometheus
- SonarQube
- Artifactory
- JIRA, Confluence

Dev9

Solutions Architect (2013-11 to 2019-04)

Consulted at many large software firms in the Seattle area

Highlights:

- GCP Certified Solutions Architect (now expired)
- AWS Associate Solutions Architect (now expired)
- Public presentations at SeaJUG and other small tech meet-ups
- Developed a Continuous Delivery Maturity Model as client rubric
- Multiple platform modernization efforts
- Lift-and-shift from datacenter to cloud
- Present to, and collaborate with, C-level and VP-level decision makers
- Interview, mentor, and train new leads and solutions architects
- Used in strike team for urgent, complicated technical issues

Tech Used:

- GCP
- AWS
- Graphs-as-code
- Java 8+
- NodeJS
- K8s
- CI/CD
- Spring
- Spring Boot
- Jenkins
- Atlassian Bamboo
- JIRA, Confluence

Dev9

Lead Developer (2012-11 to 2013-11)

Consulting at a school-based social networking company

Highlights:

- Designed and implemented a realtime Change Data Capture (CDC) system
- Ran PoC for Neo4j (Graph Database), to reduce RDBMS load
- Wrote native Neo4j plugins agasint 750m nodes, 3b edges
- Extensive Garbage Collection (GC) optimization, JVM optimization

Tech Used:

- Neo4j
- Java 8
- PostgreSQL

Dev9

Senior SDE (2012-06 to 2012-11)

Consulting at a video game company in Redmond, WA

Highlights:

- IC to account services and sign-on services
- Drove plan to stress/load-test service prior to launch
- Successfully simulated 1 million simultaneous users around the world
- Deep performance analysis and tuning
- Launched on-time, under-budget, no issues on Christmas Day

Tech Used:

- Java 8
- Gatling
- Cassandra
- TeamCity

Education

University of Washington

BS in Computer Engineering, Cum Laude