Dale Gundersen

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SKILLS

- **Development** – .NET, C#, Python, Flask, Docker, Kubernetes, Terraform, Locust, RabbitMQ, Kafka, PowerShell, Java, Spring Boot, JSP, Node.js, React, Ember.js, JavaScript, jQuery, SQL, Dapper, Hibernate, NHibernate, Entity Framework
- **Databases** – PostgreSQL, MySQL, SQL Server, Oracle 10g, MongoDB, Redis, Elasticsearch
- **Cloud** – AWS (S3, EC2, RDS, EKS, ECS, SQS, Cognito), Azure, DigitalOcean
- **Application Servers** – Nginx, IIS, Weblogic, Tomcat, Resin
- **IDEs** – Visual Studio, PyCharm , DataGrip, Eclipse, IntelliJ
- **Source Control** – Git, Bitbucket, Subversion, CVS, MS Team Foundation Server, MS Visual SourceSafe
- **CI/CD** – Octopus Deploy, Jenkins, Github, Bamboo, TeamCity, CruiseControl.NET
- **Observability** – Datadog, Elasticsearch, Logstash, Kibana (ELK)

PROFESSIONAL EXPERIENCE

Continuum AI – Remote
8/2024 – PRESENT
Senior Full Stack Developer
- Collaborated with CTO and stakeholders to design and implement scalable microservices architecture on Azure Container Apps, standardizing deployment practices and provisioning infrastructure using Terraform. Architected service communication using REST APIs and Kafka messaging for event-driven workflows.
- Built Jenkins CI/CD pipelines that achieved zero-downtime deployments and improved deployment velocity by 300% through automated Docker containerization.
- Led platform modernization initiative, containerizing Java Spring Boot APIs and migrating from Azure App Services to Container Apps for enhanced scalability and operational efficiency.
- Executed multi-tenant database migration from MySQL to PostgreSQL using Python automation, Jenkins pipelines, and Liquibase, achieving zero data loss with minimal downtime while consolidating databases and implementing composite keys.
- Provided technical leadership for 4-engineer cross-functional team during Java/Hibernate to .NET/Dapper migration, improving application performance and maintainability while mentoring team members.
- Championed test-driven development, technical debt reduction, and agile and scrum best practices across engineering teams.
- Full stack application development included work on Node.js and React frontend application hosted in Azure Static Web Apps.
- **Tech Stack:** Java, Spring Boot, Node.js, React, Hibernate, MySQL, Docker, Azure, C#, .NET, Dapper, PostgreSQL, Terraform, Redis, Kafka

2ndSun – Remote, Freelance
8/2022 – PRESENT
Senior Software Engineer
- Led backend architecture design and implementation for early-stage startup, developing REST APIs using C#, Entity Framework, and PostgreSQL.
- Built multiple AWS microservices to improve system scalability and availability. Implemented reporting service with Elasticsearch for low-latency data aggregation and event-driven data ingestion using AWS SQS.
- Cross-functional collaboration with product team and CEO to translate business requirements into technical roadmaps and implementation plans.
- **Tech Stack:** C#, .NET, Entity Framework, PostgreSQL, Elasticsearch, Redis, AWS SQS

DraftKings – Remote
6/2021 – 2/2024
Senior Software Engineer
- Backend development for Account Platform and Marketplace Platform teams, designing and implementing scalable, reliable, performant, and secure microservices supporting millions of daily active users across DraftKings' gaming ecosystem.
- Designed and led development of high-throughput Marketplace microservice aggregating millions of NFT sales transactions, leveraging Elasticsearch optimization to achieve sub-50ms query latency at scale.
- Led cross-functional development and technical planning for self-service email update functionality on Account Platform, architecting solution capable of handling 500,000 requests per minute with minimal downtime.
- Created comprehensive Locust load testing suite in Python for Account Platform services, identifying and resolving performance bottlenecks that reduced 2FA and device recognition endpoint latency by 15%.
- Cross-functional collaboration with product stakeholders and engineering teams to gather requirements, define project scope, and develop technical specifications, ensuring alignment between business objectives and technical implementation.
- **Tech Stack:** C#, .NET, MySQL, AWS (EC2, S3, EKS, SQS, RDS), Redis, Elasticsearch, RabbitMQ, Kubernetes, Docker, Terraform

Consumer Acquisition LLC – Remote
9/2016 – 6/2021
Senior Engineer
- Team lead for Creative Studio, a web-based collaboration platform for video ad creation, driving technical strategy from inception through production deployment.
- Led complete technical planning and development lifecycle for Creative Studio, architecting scalable solutions that generated 40% of company revenue ($3 million annually).
- Designed and implemented comprehensive API integration strategy for AdRules SaaS platform, connecting with critical third-party services including Facebook Graph/Marketing APIs, Google AdWords/Maps, Slack, Shutterstock, and Mailgun to create unified advertising workflow.
- Mentored and onboarded 2 engineers, establishing technical standards and development best practices that improved team productivity and code quality across the organization.
- **Tech Stack:** Python, Flask, PostgreSQL, jQuery, AWS (EC2, S3, RDS)

Nugget Markets, Inc. – Woodland, CA
10/2014 – 9/2016
Senior Software Engineer
- Designed and developed comprehensive web-based system to replace costly third-party software, delivering custom invoicing, ordering, and critical business functions for corporate headquarters and 12 retail locations.
- Engineered and deployed OAuth server solution to centralize authentication and authorization across all store locations, enhancing data security compliance and improving user experience for 200+ employees.
- Established automated CI/CD pipeline using TeamCity and Octopus Deploy with custom PowerShell scripting, reducing deployment time from hours to minutes and eliminating manual deployment errors.
- **Tech Stack:** Ember.js, VB.NET, SQL Server, MongoDB, RabbitMQ

American Traffic Solutions – Scottsdale, AZ
4/2013 – 7/2014
Senior Software Engineer
- Backend development for PlatePass application managing over 3 million toll booth transponders, architecting scalable solutions to handle millions of daily transactions.
- Implemented in-memory caching strategies and performance optimizations that improved transponder processor throughput by 60%, reducing transaction processing latency and enhancing user experience.
- **Tech Stack:** C#, .NET, Oracle 10g

Reply! – San Ramon, CA

5/2010 – 4/2013
Software Engineering Manager (2/2012 – 4/2013)
- Managed cross-functional team of 3 engineers responsible for development and maintenance of Home Improvement applications, driving technical roadmap and delivery timelines.
- Led design and development of CMPLite, an intelligent click auction system distributing millions of clicks based on category, location, budget, and revenue optimization algorithms.
- CMPLite generated $760K in revenue within 6 months at 18% profit margin, processing 3 million clicks monthly and becoming a key revenue driver for the organization.

Senior Software Engineer (5/2010 – 2/2012)
- Served as lead engineer for Contractors.com profiles system, architecting scalable solutions connecting over 10,000 local contractors to potential customers.
- Led full-stack development for Click and Lead Marketplaces, designing robust systems capable of processing over 20 million clicks.
- **Tech Stack:** C#, .NET, SQL Server, jQuery, Azure

DeVine Consulting, Inc. – Union City, CA

4/2004 – 5/2010
Principal
- Worked directly with client to analyze business requirements, create tech plans, and carry out implementation of WinForms and web applications for the US Department of Agriculture and the Bureau of Land Management for managing urban forests and land rehabilitation.
- Applications reduced report creation time for USDA and BLM employees by over 50% and greatly improved ease of use in creating reports.
- **Tech Stack:** C#, .NET, WinForms, SQL Server

EDUCATION

San Jose State University, San Jose, CA
B.S. Computer Science