Jason Deleo

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PROFESSIONAL SUMMARY

Accomplished Senior Backend Engineer with a proven track record at Snapsheet, specializing in .NET Core and cloud-native solutions. Expert in optimizing performance and enhancing system resilience, I successfully reduced claim cycle time by 3 days while fostering collaboration across teams. Strong analytical and problem-solving skills, combined with a commitment to excellence, drive my success.

EXPERIENCE

Senior Backend Engineer   **06/2020 - Ongoing**
Snapsheet, Chicago, IL
- Designed and scaled a cloud-native claims automation platform using .NET Core, C#, React, and PostgreSQL, processing 1.2M+ claims annually for major insurers.
- Enhanced an event-driven policy notification system with Azure Functions and Service Bus, reducing latency by 55% and accelerating claim handling.
- Optimized database performance by refining Entity Framework queries and SQL procedures, cutting report generation time by 60%.
- Incorporated external adjuster platforms via RESTful APIs, reducing claim cycle time by 3 days and improving data visibility.
- Automated DevOps pipelines using Azure DevOps and Terraform, reducing infrastructure provisioning time by 70% and ensuring repeatable deployments.
- Led adoption of asynchronous messaging with Azure Service Bus and CQRS patterns, improving backend resilience and fault tolerance.
- Collaborated with analytics teams to implement real-time BI dashboards, increasing visibility into claim metrics and improving SLA compliance by 35%.

Software Engineer   **08/2017 - 04/2020**
Stripe, San Francisco, CA
- Built high-accuracy reconciliation and payout systems in .NET Core, C#, and RabbitMQ, ensuring reliable transfers for 100K+ global merchants.
- Architected a refund processing engine blended with fraud detection, reducing fraudulent payouts by $1.2M annually.
- Led migration of mission-critical apps from Azure to on-prem, achieving zero downtime and saving $500K per year.
- Delivered high-throughput transaction export APIs handling 1B+ records monthly with sub-500ms latency.
- Modernized core services by implementing microservices architecture, reducing deployment conflicts by 80% and increasing scalability.
- Implemented centralized logging and observability with Prometheus and Grafana, improving incident response time by 40%.
- Enhanced API gateway security with token-based authentication and rate limiting, reducing abuse and ensuring PCI-DSS compliance.
- Assisted in transitioning legacy storage services to a distributed file system, enhancing scalability and reliability for enterprise workloads.

Full Stack Developer   **05/2015 - 03/2017**
Salesforce, San Francisco, CA
- Expanded onboarding and configuration tools using ASP.NET MVC, C#, and AngularJS, enabling seamless setup for 200K+ enterprise users.
- Created scalable .NET Core APIs for the fraud detection platform, supporting 1M+ transactions daily with 99.99% uptime.
- Migrated legacy WebForms UI to Angular, reducing load times by 47% and cutting development time by half.
- Created reusable component libraries and REST interfaces that improved cross-team delivery speed by 25%.

Software Engineer Intern   **07/2014 - 02/2015**
Google, Los Angeles, CA
- Contributed to Google Drive's backend migration tools in C#/.NET, enabling seamless onboarding for 50+ enterprise clients.
- Developed a multi-threaded file transformer to sanitize and process legacy data, ensuring clean and efficient migration.
- Integrated NUnit tests into the CI pipeline, reducing feedback time by 45%.
- Redesigned internal debugging dashboards using JavaScript and Apps Script, accelerating issue resolution for engineering teams.

SKILLS

C#, .NET (Framework, Core, 4.8 – 8), ASP.NET, MVC, Node.js, JavaScript, TypeScript, jQuery, AJAX, HTML5, CSS, Bootstrap, Razor, React, Angular (v9+), Blazor, Python, C++, SQL (MS SQL, PostgreSQL, Oracle, T-SQL, DB2), NHibernate, Entity Framework/Core, LINQ, RESTful API, Microservices, MVVM, N-tier, Multi-threading, asynchronous, Git, GitHub, TFS, Azure DevOps, Jenkins, CI/CD, Unit Testing, TDD, MS Test, Automated Testing, Version control, code review, Agile, Scrum, SDLC, Microsoft Azure (DevOps, CosmosDB, AI Services, OpenAI integration, Azure Data Factory(ADF) Pipelines), AWS, Docker, Kubernetes, Terraform, LDAP, Infor ION, Machine Learning and OpenAI integration, ArcGIS Pro, ArcObjects, Scrapy, MongoDB, Fabric, Databricks, Unity Catalog

EDUCATION

Bachelor of Science in Computer Science   **08/2010 - 05/2014**
University of Miami

CERTIFICATIONS

- **Microsoft Certified: Azure Developer Associate**, Validated expertise in developing, deploying, and maintaining cloud applications and services using Microsoft Azure, with a focus on .NET-based solutions.
- **RESTful Web API Design: Udemy,** Completed an in-depth course on designing and building secure, scalable RESTful APIs using C# and ASP.NET Core, emphasizing best practices in authentication, versioning, and documentation.

KEY ACHIEVEMENTS
- **Accelerated Deployment Cycles,** Streamlined CI/CD workflows using Azure DevOps and GitHub Actions, achieving a **70% reduction in deployment time** and increasing release frequency at Snapsheet.
- **Boosted Claims Processing Speed,** Engineered a rules-based claims validation engine in C#, improving automation accuracy and reducing manual intervention by **over 60%**, directly contributing to faster policy settlements.