

SAMANTHA SEPEDA

SENIOR FULLSTACK SOFTWARE DEVELOPER

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PROFILE SUMMARY

Results-driven Senior Software Engineer with 8+ years of experience specializing in .NET, Java (Spring Boot), Angular, and cloud technologies (AWS). Proven expertise in designing, developing, and maintaining high-performance web applications, RESTful APIs, and complex backend services using SQL Server, Oracle, and MongoDB. Skilled in full-stack development with modern frameworks like React, Angular, and .NET Core, implementing responsive front-end interfaces using HTML5, CSS3, JavaScript, and TypeScript. Strong background in microservices, containerization (Docker), and orchestration (Kubernetes) to build scalable, event-driven platforms. Experienced in supporting and troubleshooting .NET applications and SQL Server databases, including PL/SQL, T-SQL, stored procedures, and performance tuning.

Well-versed in DevOps, CI/CD pipelines, and tools like GitLab, Jenkins, SonarQube, and JIRA for continuous integration, deployment, and code quality enforcement. Adept at using App Insights, ELK Stack for logs and monitoring, and frameworks like NUnit and JMeter for automated testing. Committed to delivering secure, high-quality software solutions aligned with industry best practices.

CORE COMPETENCIES

- Expertise in designing, developing, and maintaining scalable .NET applications and microservices
- Advanced skills in building RESTful APIs and web applications using .NET Core and Angular
- Knowledge of design and architecture patterns, backend middleware, messaging, and streaming platforms
- Proficient with AWS S3, Docker, Kubernetes, and cloud-native architecture for high-availability systems
- Extensive experience with GitLab, Jenkins, Docker, ArgoCD, and automated build/deployment pipelines
- Strong focus on optimizing performance, reliability, and security in database-driven applications
- Experienced in Agile frameworks (Scrum, Kanban) and working with cross-functional teams to deliver results
- Proven ability to lead and mentor teams of developers, ensuring adherence to coding best practices
- Java Programming – Core concepts, object-oriented programming, and application development
- ETL Development with Java and Apache Spark – Data pipeline design, transformation logic, and distributed processing
- NoSQL Databases (Redis) – Key-value data modeling, in-memory storage, and real-time data access
- MS SQL, PostgreSQL, Oracle DB, Relational Databases – Database design, SQL queries, normalization, and data management

PROFESSIONAL EXPERIENCE

Crédit Agricole CIB – Singapore

Senior .NET Engineer

Mar. 2020 – Present

- Develop scalable REST APIs and Web Apps using .NET Core, Angular, Kafka, and PostgreSQL.
- Build desktop and UI applications for Compliance and Market Risk Profit and Loss tracking systems.
- Maintain and optimize backend services using Redis caching, Entity Framework, and AWS S3 integrations.
- Design CI/CD pipelines via GitLab, Docker, Kubernetes, ArgoCD, Vault, and SonarQube configurations.
- Conduct code reviews and pair programming sessions to ensure consistent adherence to coding best practices.
- Create automated batch jobs for daily reporting, ETL processes, and system data synchronization tasks.
- Engineer ETL pipelines for Market Risk data using Java and Spark to ensure high data integrity.

Key Accomplishments:

- Reduced report generation time by 65% using Redis cache and query optimization in SQL Server.
- Decreased production issues by 45% after implementing CI/CD pipeline with automated security and linting checks.
- Delivered 12+ microservices powering compliance tools used across 4 departments with 99.9% uptime.

NetSuite – Makati, Philippines

Technical Support Engineer

Aug. 2018 – Mar. 2020

- Resolved complex NetSuite ERP scripting issues via real-time screen sharing and customer collaboration tools.
- Supported client integrations with Web Services, SuiteScript, and ODBC connections for customized data operations.
- Filed enhancement requests and defect documentation based on user feedback and testing of current features.
- Delivered Tier 2 technical support, troubleshooting middleware and business logic for multiple ERP modules.
- Documented recurring customer issues and proposed long-term product improvements to internal development teams.
- Led user training sessions and created knowledge base articles for improving first-call resolution rate.

Key Accomplishments:

- Closed over 500 support tickets with 97% customer satisfaction rating across all ERP service categories.
- Improved first-call resolution rate by 28% through new documentation and internal process standardization.
- Reduced ticket escalation by 40% after optimizing ODBC troubleshooting protocols and SuiteScript walkthroughs.

Software Developer

Sept. 2017 – Dec. 2017

- Developed internal C# applications using Microsoft Forms and integrated with local claims processing systems.
- Collaborated with QA to design and run User Acceptance Testing for client-requested feature improvements.
- Applied foundational Java and HTML knowledge to create interactive front-end interfaces for internal use.
- Designed initial database schema and logic for policy management system using Microsoft SQL Server.
- Independently mastered advanced C# features and .NET architecture to accelerate backend development.

Key Accomplishments:

- Completed 4 internal tools used by claims team, cutting processing time by over 30% per request.
- Delivered all assigned modules 2 weeks ahead of schedule during peak development cycle.
- Raised user testing pass rate to 95% by resolving 50+ UI/UX issues during UAT phase.

Data Analyst

Jun. 2017 – Aug. 2017

- Performed SQL analysis using SSMS to identify trends and optimize enterprise reporting workflows.
- Analyzed internal audit data for enterprise clients to ensure accuracy and reporting compliance.
- Created dashboards in Tableau to visualize financial and operational data for internal stakeholder presentations.
- Assisted with data migration tasks and database schema comparisons across client reporting systems.
- Contributed to agile sprint planning and prioritization of data tasks in cross-functional scrums.
- Tracked and reported 255+ hours of analytical work to support audit transparency and reproducibility.

Key Accomplishments:

- Created 5 dynamic Tableau dashboards used in quarterly audit reviews by senior partners.
- Processed over 10,000 records daily with 99.8% data accuracy using SSMS and audit procedures.
- Reduced SQL query runtime by 60% via index creation and logic refinement in reporting modules.

EDUCATION

Bachelor of Science (B.S.) in Information Technology

Jun. 2014 – Aug. 2018

Honors: Cum Laude

CERTIFICATIONS

- **Google Cloud Platform (GCP):** Essential Training for Developers
- **Cybersecurity Awareness:** Certificate of Training
- **IBM DB2 Academic Associate**
- **Identifying and Safeguarding Personally Identifiable Information (PII):** Certificate of Completion
- **Information Technology Passport Certification**

SKILLS HIGHLIGHTS

.NET Development	Angular Development	REST API Design
Microservices Architecture	Cloud Computing	Containerization
Orchestration	CI/CD Pipelines	Automation
Database Management	SQL Optimization	Caching
Agile Methodology	Test-Driven Development (TDD)	Software Development Lifecycle (SDLC)
Automated Testing & Debugging	Backend Development	Application Scalability
System Architecture Design	Performance Tuning	Software Security Best Practices
Continuous Integration	Continuous Deployment	Code Review & Mentorship
Languages & Frameworks:	C#, Java, JavaEE, Spring Boot, .NET Core, ASP.NET, PHP, Python, JavaScript, TypeScript, HTML5, CSS3, React, Angular, R, C, Assembly	
Database Technologies:	SQL Server, Oracle, PostgreSQL, MySQL, MongoDB, Redis	
DevOps & Tools:	Stored Procedures, PL/SQL, T-SQL, SQL Optimization	
Cloud & Platform Services:	Git, GitHub, GitLab, Jenkins, SonarQube, ArgoCD, Docker, Kubernetes, App Insights, ELK Stack, Visual Studio, IntelliJ, Eclipse, VS Code, Notepad++	
Architecture & Integration:	AWS (S3, cloud-native architecture), Azure, Unix/Linux OS	
Testing & Quality Assurance:	Microservices, RESTful APIs, SOAP, Messaging Systems (Apache Kafka), Backend Middleware	
	NUnit, JMeter, Automated Testing, Test-Driven Development (TDD), Debugging	

RELEVANT COURSEWORK

- Java EE (Enterprise Edition) – Enterprise application development, servlets, JSP, and web services
- Python Programming – Data structures, scripting, and application development
- MySQL, DB2

HONORS & AWARDS

- **Latin Honor:** Cum Laude
- **Accenture – Program The Future 2017:** 3rd Place
- **Gen AI Hackathon:** 3rd Place
- **Top 15 Finalist, Accenture Program the Future 2017**
Accenture, Inc. & Maybank Performing Arts Theater – Taguig, Metro Manila, August 2017
- **3rd Place – Best Thesis (Web & Mobile Application Development Track)**
UST Institute of Information and Computing Sciences – A.Y. 2017–2018
- **Certificate of Recognition – Top 1 Dean’s Lister**
UST Institute of Information and Computing Sciences – February 2015

CO-CURRICULAR ACTIVITIES

- **Executive Assistant to the Secretary,** UST Microsoft Student Community
University of Santo Tomas – August 2015 to December 2015

EXTRA-CURRICULAR ACTIVITIES

- **Team Member,** Women’s Basketball Team
UST Institute of Information and Computing Sciences – February 2016 to March 2018
- **Membership Committee Staffer,** Becarios de Santo Tomas
University of Santo Tomas – July 2015 to June 2016

WORKSHOPS & SEMINARS ATTENDED

- *Accenture Student Leadership Conference 2018*
Accenture Technology – Novotel Hotel, Quezon City, March 2–3, 2018
- *Ethics and Information Technology: Back to the Beginning*
Institute of Information and Computing Sciences
Honorary Speaker: Prof. John V. Weckert, Ph.D. – University of Santo Tomas, February 8, 2017

COMMUNITY ENGAGEMENT

- **Participant, KISLAP: Butil Night Race**
University of Santo Tomas, Manila – February 2015
(Run for a cause supporting young scholar beneficiaries)
- **Volunteer, NSTP**
San Juan Elementary School – Laur, Nueva Ecija, Philippines, A.Y. 2015–2016

REFERENCES

Marion Delaporte

Compliance Section Head, Crédit Agricole CIB

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Alex Tay

Software Developer, Crédit Agricole CIB

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