Travis L. Steinmetz

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github.com/pointgenesis

🌐 pointgenesis.io

aws CERTIFIED

aws certified Solutions Architect Associate

aws certified SysOps Administrator Associate

aws certified Developer Associate

EDUCATION

Master of Science in Computer Science
Nova Southeastern University
Ft. Lauderdale, Florida

Bachelor of Science in Mathematics
Lincoln University of Missouri
Jefferson City, Missouri

TECHNOLOGIES

Development Methodologies
- ✓ Scaled Agile (SAFe)
- ✓ Kanban
- ✓ XP (Pair Programming)

Languages
- ✓ Python
- ✓ Java
- ✓ Groovy
- ✓ Ruby

Databases
- ✓ DynamoDB
- ✓ Redis
- ✓ RDS (SQL Server, Oracle)

Operating Systems
- ✓ Linux
- ✓ Windows

PROFESSIONAL EXPERIENCE

BLACK KNIGHT, INC.

Senior Software Development Manager   August 2022 - Present
Chief Applications Architect   February 2017 – September 2019
Software Development Manager   January 2015 – February 2017

- Proven leadership over the development of multiple application suites, including Data Platform/DataHub, LendingSpace, SalesEdge, AIVA, etc. with a track record of delivering results.
- Led the development of BKI's first cloud-native application, SellerDigital, introducing the AWS Serverless model utilizing Step Functions, Lambda, Glue, Athena, DynamoDB, S3, SNS, etc.
- Provided tactical and strategic leadership to multiple teams including Architecture, Database, Development, and DevOps, to ensure the successful execution of projects.
- Improved efficiency and cost savings by replacing the legacy ATMOS storage cluster with a design that implemented a cloud-based S3 storage solution.
- Designed and implemented a RESTful API utilizing a JSON Web Tokens (JWT) authentication model to ensure secure access to BKFS systems.
- Developed SSO components capable of both SAML 2.0 Web Browser Profile and BKFS SSO layer authentication to enhance user experience and improve security.
- Created various tools and APIs such as encryption/decryption tools, DB utilities, and automated deployment scripts to improve team efficiency and streamline processes.
- Presented technology roadmap proposals to executive management and successfully secured buy-in for new initiatives.
- Conducted code reviews, provided guidance to team members to troubleshoot and find solutions, and maintained a high standard of code quality.
- Leadership and team management, including performance evaluations, goal setting, career development, and mentorship.

Awards

Earned several awards including Flagstar WOW Award (November 2017), Black Knight Value Champion (August 2017), and On the Spot (June 2015 x2, July 2015, and December 2015)

GUIDEWIRE SOFTWARE, INC.

Senior Cloud Architect   June 2021 – August 2022
Senior Cloud DevOps Engineer   October 2019 – May 2021

- Led SSO customer-facing interactions related to onboarding, troubleshooting, configuration, etc. of identity providers (IdPs) and cloud applications through Okta.
- Presented designs, roadmaps, and POCs to executive management
- Considered factors of scalability, reliability, security, and cost optimization in cloud architectures.
- Introduced a GitFlow branching model supporting global DevOps activities across customers.
- Developed Python micro services and APIs using Flask and FastAPI
- Application configuration management via AWS OpsWorks and Ruby templating in Chef recipes.
- Created Jenkins freestyle and pipeline orchestration jobs using Groovy, Python, and bash
- Developed software development processes to ensure software quality and on-time delivery.

- ✓ Behavior-driven Development (BDD)
- ✓ Gherkin/Cucumber/Behave
- ✓ JUnit

AREAS OF EXPERTISE

- ✓ Application Development and Architecture Technical Leadership
- ✓ Process Development and Improvement
- ✓ Project Planning and Execution
- ✓ Software Testing and Quality Assurance
- ✓ Systems Implementation and Support
- ✓ Managing Teams

CITIGROUP, INC.

Application Development Technical Specialist (Vice President)   *August 2006 – December 2014*

- Software development leader with extensive experience in leading technical projects and managing teams of geographically dispersed resources on the Citi Mobile and Internet channels.
- Successfully led multiple concurrent projects following a Cascade development model, including CBOL Performance Tuning, Double Digital - Marketing (RWD), Online Fraud Verification, Global Mobile, THD (Mobile thin-client), Chat Integration with Live Person, Cyota (fraud prevention), Strategic Fraud Bundle Iovation Integration (fraud), Performance Testing, and many others.
- Managed the remediation of OWASP Top 10 and other security risks identified by ethical hacking reports and vulnerability assessments to ensure new functionality did not introduce additional exposure and existing attack vectors were addressed according to corporate remediation time frames.
- Owned technical design of project including database design, software technologies, application/system architecture, vendor design collaboration, etc.
- Responsible for creating project development schedule and making sure project deliverables were produced accordingly.
- Determined project staffing according to project characteristics and technical requirements.
- Assigned work to India and USA resources and monitored deliverables for quality and correctness.
- Produced technical documents, such as logical data model, class diagrams, sequence diagrams, system integration diagrams, functional design document detailing system architecture, and various other process/interface specific documents.
- Coordinated deployment of application during migration from development through production environments via implementation plans that included build information, deployment information such as application server settings, database objects, etc.
- Coordinated with QA teams on defect resolution during System Integration Testing (SIT) and User Acceptance Testing (UAT).
- Engaged with Operations personnel to ensure all appropriate documentation was reviewed and a smooth transition into environments was achieved.

Awards

- Star Player (CRS CMS POC) – April 2013
- Star Player (Global Tablet) – February 2013
- National Team Award (Avatar – Single Product Flexibility for CARDS) – 2012 4th Quarter
- Star Player (FFIEC – Fraud Prevention) – September 2012
- Star Player (The Home Depot Mobile Application) - June 2012
- Star Player (Mobile Check Deposit - Citi North America) – December 2011
- Star Player (AO Load Testing) – September 2011
- Star Player (MasterCard inControl) – May 2011
- National Team Award (Project Panama) – 2011 1st Quarter
- Star Player (LivePerson Chat) – March 2010
- Quality Excellence Award (1st Quarter) – April 2008
- North America Information Technology (NAIT) Stand Out Award – June 2007
- Top 10 Award – January 2007

NORTHROP GRUMMAN CORPORATION

Software Engineer III   *May 2005 – August 2006*

- Managed the day-to-day activities of the development group as the technical leader.
- Prioritized outstanding software issues aligned with business goals.
- Regularly provided status updates to Project Managers, Site Customers, and peer organizations.
- Collaborated with direct reports to identify their strengths and weaknesses and helped them achieve stretch goals.
- Conducted weekly 1-1 meetings and provided feedback for annual performance reviews.
- Accountable for the overall system architecture and communicated the design to subordinates through artifacts such as Use Case documents, Class, Sequence, and Integration diagrams.
- Solicited requirements from SAMC personnel to achieve business objectives.
- Led design sessions with software engineering staff and project management representatives.
- Contributed to promoting best practices throughout the corporation as a member of the NGC Web Practice architecture board.
- Led the development of J2EE-based applications utilizing technologies, such as Struts, Hibernate, EJB (Stateless Session Beans, Entity Beans, and Message-Driven Beans), Servlets, JDBC, JAXP, and others.

Awards

- ITS Timely Awards Plan (TAP) Award – July 2006
- IIS Leadership Award – February 2006
- IIS Timely Awards Plan (TAP) Award – November 2005
- IIS Leadership Award – November 2005
- Airborne Early Warning/Electronic Warfare (AEW/EW) Systems Employee of the Month – July 2005

POINT GENESIS SOLUTIONS, LLC

Applications Architect   *November 2002 – April 2005*

- IT Solutions Consultant at the Missouri Department of Higher Education.
- Participated as a team member in the development of MOSTARS. Utilized J2EE technology to create and maintain student information with respect to the Missouri Student Financial Aid Programs.
- Led Requirement gathering sessions with Dept. of Education staff, and created Use Cases in MS Word.
- Created FTP client interfacing with Office of Administration (OA) to disburse student financial aid.
- Co-created a code generation tool to examine metadata in DB2 database tables and create DAO, Model, Bean, Home, and Remote Interface objects in J2EE. This eliminated hundreds of hours of manual creation of standard CRUD functionality, and allowed for instant creation of thousands of lines of boilerplate code.

DST SYSTEMS, INC. (ACQUIRED BY SS&C)

Staff Analyst Programmer   *May 2001 – November 2002*

Analyst Programmer   *April 2000 – May 2001*

- Maintenance and enhancements to the Transfer Agent (TA) 2000 NT Desktop product. All development was with Visual C++ 6.0 utilizing MFC and STL.
- Created Java Socket prototype application utilizing JAXP DOM (Xerces parser) to parse stream data from mainframe into an XML format more suitable for browser applications. First attempt was created using JDOM. Was very promising but the API was in beta and was slow. So rewrote using JAXP and realized instant performance increase of approximately 30%. This prototype served as the model for the next generation of DST's data access tool; the Java Data Layer API.

COMPUTER SERVICE PROFESSIONALS, INC.

Software Programmer   *August 1997 – April 2000*

- Windows developer on Dynastore 2000 Proof of Deposit and Check Imaging System serving the Community Banking community.
- Technologies included Visual C++, Visual Basic, ActiveX, ODBC, DAO, and MS SQL Server.