Jason P. Swann

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TECHNICAL EXPERIENCE

IBM   New York, NY
Application Developer: IBM Cloud Microservices   Full Time: January 2019 – April 2024

- Full Stack Developer for internal and client-facing web applications for data management/external learning services within the IBM Cloud Toolchain..
- Lead/Sole Full Stack Developer for an internal IBM web application data management system.
- Managed and designed database requirements to ensure scalability and security
- Built and maintained a full-stack data management internal web React application with REST Services that scaled to 172 daily users regarding course management.
- Coached 8 junior developers on best practices and quality assurance, using established coding standards and methodologies
- Developed 200+ reusable and reliable platform components increasing the UI efficiency.
- Implemented server-side logic with Node.js and Express.js for robust and scalable web services.
- Deployed applications using Docker and managed CI/CD pipelines with Github.
- Leveraged SQLdatabases for optimized data storage and retrieval.
- Ensured data security and integrity through rigorous testing and best practices.

Jri-America Inc. (Division of SMBC)
New York, NY
Junior Software Developer, Java Applications Development   Full Time: July 2017 – January 2019

- Software Developer for a client-facing web application and web services, focusing heavily on client communication for a large-scale cash management system.
- Building proprietary software used inside the Bank for purposes ranging from portfolio management to compliance operations.
- Working in an Agile environment, placing an emphasis on writing clean, reusable code in Java to achieve the goal of creating scalable software.

UNITED STATES NAVY   NAS Jacksonville, FL
Information System Technician   January 2009 – January 2013

- Maintained and secured file share permissions, ensuring 100% compliance with DOD regulations.
- Managed the squadron's network as the Information Assurance Manager.

TECHNICAL SKILLS

Programming: Node.js, JavaScript (ES6+), TypeScript, Ruby, Python, C++, .NET, Java, Spring/Boot, HTML/CSS, SQL, NoSQL, RESTful API, Github Actions, Terraform
Frameworks/Libraries: Angular, React, Redux, Express, Redis, Jest, Sass/SCSS, FIgma
Applications: Git, npm, brew, Nginx, VSC, MongoDB, Postgre, Postman, Docker, IBM Cloud, AWS, EC2, IAM, Lambda, ELB, Kubernetes, Jenkins

OTHER WORK EXPERIENCE

INTERNATIONAL ADVERTISING BUREAU - IT Support Center Technician/Software Engineer Intern   Summer 2016
LAMONT-DOHERTY EARTH OBSERVATORY – Biology/Paleo Environment Project Assistant   Oct 2014 - Mar 2015

EDUCATION

COLUMBIA UNIVERSITY – NEW YORK, NY   JANUARY 2013 – MAY 2017
Bachelor of Arts in Earth Science

Minor in Computer Science
Relevant Coursework: Advanced Programming, Data Structures, Big Data with Python, Intro to Computer Science and Programming in Java, Fundamentals of Computer Systems; Udemy: MERN Stack Front To Back: Full Stack React, Redux & Node.js, AWS Certified Solutions Architect