Nabin Gautam

gautamnabin5@gmail.com | linkedin.com/in/nabin-gautam | github.com/gautamnabin5 | credly

Skills

Certifications: AWS Certified Machine Learning Specialty, AWS Certified Developer Associate, AWS Certified Solutions Architect, Certified Kubernetes Application Developer (CKAD)
Languages and Frameworks: Java, Spring Boot, C#, .NET Core, JavaScript, Typescript, React, SQL, Python, Git
Developer Tools: VS Code, JetBrains Suite, Jenkins, Postman, GitHub, Visual Studio
Paradigms: Agile, Test Driven Development (TDD), Functional Programming, Object-Oriented Programming (OOP)

Experience

JPMorgan Chase & Co.   Aug 2022 - Present
Senior Associate Software Engineer - Corporate & Investment Banking (Sales) | Spring Boot, SQL, TypeScript, React

- Led backend engineering for CRM platform, designing and delivering scalable data pipelines and RESTful APIs to enhance data accessibility and streamline business operations, boosting productivity for **4000+** users
- Engineered a distributed cloud-native notification platform handling over **200 notifications per second**, using Java, Spring, WebSockets, and ReactJS to ensure scalability and high availability
- Designed and deployed infrastructure in AWS using terraform for notification platform leveraging ECS, Lambda, DynamoDB, SQS and Kinesis Data Streams which enabled a **$2.4 million** trade in it's first year
- Implemented cost reduction initiatives for AWS infrastructure with lightswitch and reduction in resource provisioning, leading to **15%** cost reduction in cloud infrastructure
- Collaborated with SRE team to establish system wide monitoring and actionable alerts for our platform's microservices and AWS infrastructure utilizing Datadog, leading to **99.999% uptime**
- Accelerated time to market for platform features by establishing CI/CD pipeline for AWS infrastructure and ECS application deployments
- Established framework for documentation of both CRM and notification platform to aid cross-functional teams using the platforms to onboard quickly, cutting down on-boarding time from **days to few hours**
- Lead the migration of **1M+** objects totaling **1TB** into AWS S3 from private cloud leading to cost savings of **20%** and more resilient storage solution
- Championed team success by mentoring junior engineers, enhancing their technical expertise, and aligning their growth with organizational objectives

JPMorgan Chase & Co.   Aug 2020 - Jun 2022
Software Engineer - Corporate & Investment Banking (Banking) | C#, .NET Core, JavaScript, React

- Delivered a full stack application leveraging .NET Core REST API and React, used by **1000+** bankers to manage marketing email lists
- Developed authentication & authorization workflows for our REST APIs and UIs using OAuth and access management leveraging SCIM 2.0

Texas A&M University - College of Veterinary Medicine & Biomedical Sciences   May 2018 - May 2020
Junior Software Developer | C#, .NET , JavaScript

- Developed web application for Human Resources department using .NET and KnockoutJS, streamlining employee on-boarding process from 2 weeks to 2-3 days, resulting in a **75%** improvement in onboarding efficiency

Projects

Home Server & NAS | *Kubernetes, Docker*   Nov 2023 - Present
- Built custom server with proxmox and created a Kubernetes cluster to host projects within the home network
- Built a NAS server to service as data backup server along with storage solution for Kubernetes cluster

Education

Texas A&M University   May 2020
Bachelor of Science in Computer Science, Minor in Mathematics & Cybersecurity