

ALI BASHIR

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PROFESSIONAL SUMMARY

DevOps-oriented Software Developer with experience building CI/CD pipelines, automating cloud infrastructure, and developing large-scale enterprise applications. Skilled in AWS, Terraform, Docker, and Node.js, with a strong track record of reducing deployment times, automating workflows, and delivering production systems for Fortune 500 financial organizations. Passionate about cloud architecture, automation, and scalable distributed systems.

PROFESSIONAL EXPERIENCE

iPipeline Inc. (Roper Technologies – Nasdaq 100)

Fort Lauderdale, Florida

Associate Software Developer

Jan 2025 – Present

iPipeline Innovation Labs (IL) team

- Built a generative AI application using **AWS Bedrock** to extract insurance quote data from agent–customer call transcripts, reducing manual data entry **(50–70%)** and review time **(30–40%)**.
- Implemented prompt engineering, context windows, validation pipelines, and LLM guardrails, improving extraction accuracy **15–25%**.
- Integrated AI service with the company’s central enterprise AI platform.

iPipeline Shared Technology (SH) team

- Developed mission-critical financial web applications using **React, Node.js, AWS (API Gateway, Lambda, S3, Route 53)**.
- Automated client onboarding by centralizing configuration propagation and provisioning infrastructure via **Terraform, AWS Step Functions, CodeBuild, and GitHub Actions**, reducing onboarding time from **1 week → 6–7 hours (85–90% reduction)**.

iPipeline Research and Development (R&D) team

- Engineered an enterprise release management platform with **React, Node.js, and DynamoDB**, integrating Jira REST APIs to automate cross-team data synchronization.
- Built scalable AWS infrastructure using **Terraform + Terragrunt** and implemented **GitHub Actions CI/CD** with automated testing and continuous deployment.
- Reduced deployment times from **60–90 minutes to 10–20 minutes (70–85% faster)** and enabled near-zero-downtime releases for Single SPA micro-frontends by implementing optimized **GitHub Actions CI/CD** pipelines.
- Developed centralized release dashboards for real-time company-wide deployment visibility.
- Implemented audit logging using **DynamoDB Streams + Lambda** and enterprise IAM via **Okta and Ping Identity**, reducing audit cycles **~50%**.

SKILLS

- Programming Languages: JavaScript, Java, Python, C, C++, Swift, SQL
- Frontend & Backend Technologies: React, Node.js, SwiftUI, JavaFX, HTML5, Single SPA, Spring Boot, RESTful APIs
- Cloud & DevOps: AWS (EC2, S3, Lambda, API Gateway, Route 53, CloudWatch, Bedrock), GitHub Actions, Terraform, HCL, Docker
- Databases & Storage: DynamoDB, MySQL, Firebase
- Architecture & Methodologies: Agile (Scrum), Microservices, CI/CD, IaC
- Scripting & Version Control: Python, Bash, PowerShell, Git, GitHub

SOFTWARE PROJECTS

ChitChat — End-to-End Encrypted Real-Time Messaging App

Technologies Utilized: Swift, SwiftUI, MVVM, ECDH, E2EE, Firebase, Swift Concurrency, CryptoKit, Git, GitHub

- Developed ChitChat, a real-time, end-to-end encrypted messaging app in SwiftUI, implementing ECDH and AES-GCM encryption, Firebase Authentication, real-time Firestore syncing, multithreading for performance improvement, and advanced user management features.

EDUCATION

Florida International University

Miami, Florida

Bachelor of Computer Science (Cum Laude)

December 2024

EXTRACURRICULAR

ICPC Training Club (International Collegiate Programming Contest) – FIU