

Paul Doho

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PROFESSIONAL SUMMARY

Full-stack Software Engineer with 3+ years of experience building high-traffic internal tools and cloud-native applications. Skilled in **AWS**, **Python**, **Go**, and **React**, with a strong focus on infrastructure, CI/CD pipelines, and microservices. Adept at global cross-team collaboration and delivering measurable impacts on performance, scalability, and developer productivity.

EXPERIENCE

Goldman Sachs Jan. 2025 – Present
Software Engineer II (Associate) London, UK

- Developing and maintaining an internal tooling website with **16k+ unique monthly users** and over **1M monthly views**, ensuring high availability and robust performance.
- Implemented markdown linting and spell-check pipelines, improving documentation quality from 3.9 to 4.3 in internal user feedback.
- Reduced release cycles by **64%** with a managed pipeline solution, saving teams **4 hours/week** in manual deployments.
- Set up foundational infrastructure for a user management service, integrating cross-platform notifications and streamlining product releases.
- Collaborate with global teams in London and Asia to gather requirements, advise on best practices, and maintain consistent standards.

Goldman Sachs Jan. 2022 – Dec. 2024
Software Engineer (Analyst) Salt Lake City, UT, USA

- Developed scalable UIs using **React**, **TypeScript**, and **Gatsby**, enhancing internal client experiences and boosting adoption.
- Designed RESTful APIs in **Java** and **MongoDB**, optimizing data management while reducing latency and increasing reliability.
- Implemented **CI/CD** pipelines in Git-based environments, fostering continuous improvement, automated testing, and code quality checks.
- Managed AWS-based backend services, leveraging **EC2**, **S3**, and **Lambda** to ensure secure and cost-efficient infrastructure.
- Collaborated with distributed teams to troubleshoot issues, improving cross-team communication and minimizing downtime.

California State University - Northridge June 2020 – Dec. 2021
Technology Support Specialist Los Angeles, CA

- Provided tier-1 and tier-2 technical support to students, faculty, and staff, reducing average resolution times by 25%.
- Conducted group training sessions to enhance digital literacy and troubleshoot basic hardware/software issues.
- Maintained campus-wide network/server infrastructure, implementing robust security protocols and regular audits.

PROJECTS

Discord JamBot (Personal Project) Dec. 2024 – Present
Node.js | TypeScript | Spotify Web API | Discord.js

- Created a real-time **music collaboration bot** for Discord, enabling users across multiple channels to queue, play, and sync Spotify tracks.
- Utilized **Spotify Web API** for authentication, streaming control, and metadata retrieval, supporting custom playlists.
- Built a modular architecture in **Node.js**, **TypeScript**, and **Redis**, with **Discord.js** to handle commands and track updates efficiently.
- Implemented a **web-based dashboard** allowing server admins to configure playlist settings, manage permissions, and monitor track queues.
- Integrated event-based concurrency handling to maintain synchronized playback across multiple active channels.

Personal Portfolio Website & Tech Blog

Aug. 2024 – Sep. 2024

React | Next.js | TypeScript

- Designed and developed a fully responsive portfolio site to showcase projects, a resume, and tech blog articles.
- Utilized **Next.js** for server-side rendering and dynamic routing, improving SEO and load times.
- Deployed on **Vercel** with automated **CI/CD** pipelines, ensuring seamless updates and quick iterations.
- Incorporated **Markdown/MDX** for easily publishing technical articles on topics like microservices and DevOps.
- Implemented a custom theme in **TypeScript** focusing on accessibility and performance optimizations.

EDUCATION

California State University - Northridge

Aug. 2018 – Dec. 2021

Bachelor of Science in Computer Science

Los Angeles, CA

Moorpark College

Jan. 2016 – May 2018

Associate's in General Studies

Moorpark, CA

TECHNICAL SKILLS

Languages: Python, Go, Java, TypeScript, HTML/CSS, Sass

Frameworks & Libraries: React, Node.js, Express.js, Next.js, Gatsby, Jest, Material UI

DevOps & Cloud: AWS (EC2, Lambda, S3), Terraform, Docker, CI/CD Pipelines, Git

Other: Microservices Architecture, Infrastructure Services, Technical Design, Global Collaboration