

SUBHRO ACHARJEE

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SUMMARY

Fullstack Engineer with 5 years of experience building and scaling SaaS platforms using React, Go and Node.js. Proven track record delivering end-to-end features, including a private OPA-based policy evaluation engine that reduced latency from minutes to seconds, and integrating backend microservices with frontend and CLI tools. Adept at collaborating with product and design teams to enhance system stability and performance in fast-paced environments.

WORK EXPERIENCE

IBM (HashiCorp) May 2025 - Present

Senior Software Engineer

- Migrated Hermes (async docs & communication tool) from Google to Microsoft stack post-HashiCorp acquisition; built a SharePoint plugin for RFCs and PRDs, accelerating onboarding for developers and engineering managers using software engineering principles to ensure reliability.
- Built a private OPA binary alternative, reducing policy evaluation from 3 min → 3 sec across 200+ policy sets - resolving complaints from enterprise customers including Bank of America.
- Implemented project-, workspace-, and tag-level exclusions for policy set scoping on Terraform Cloud & Enterprise, giving enterprise customers finer-grained policy governance at scale.
- Currently driving Sentinel performance improvements and developing Python scripts to enhance policy evaluation speed across enterprise deployments.

First Livingspaces Pvt. Ltd. Jan 2024 - May 2025

Software Engineer

- Designed a fullstack engineering payment system processing 100% of transactions for Ziki and Yukio apps; led a team delivering 4 internal systems improving operations for 100+ users.
- Built booking & rent management for Yukio Tower, and a lead management system for Sirrus adopted by 5+ vendors, streamlining tenant and sales operations.
- Designed a centralized log & trace system across all backend microservices, reducing debugging time and eliminating ad-hoc instrumentation code.

Tutero Mar 2023 - Nov 2023

Software Engineer

- Optimized the Terraform codebase, cutting per-microservice deployment time from 30 min → 30 sec (60x improvement).
- Implemented AI chat models and CI/CD pipelines, boosting user engagement and enabling faster, more reliable deployments.
- Led requirement gathering, functional specifications, and low-level design documentation for new product features.

BLKBOX.ai Aug 2021 - Mar 2023

Software Engineer

- Built and maintained scalable backend systems (TypeScript, PostgreSQL) supporting advertising platforms via REST APIs; resolved 200+ bugs to significantly improve platform stability.
- Integrated ML models for asset similarity detection, added TikTok Lambda support, and built a report export API - expanding platform intelligence and advertising reach.
- Enhanced Elasticsearch performance and collaborated cross-functionally to align technical solutions with business objectives.

TECHNICAL SKILLS

- **Backend:** Node.js, Go (Golang), Rust, Ruby on Rails, Java, Python
- **DevOps & Infrastructure:** Terraform, Sentinel, Kubernetes, Docker, CI/CD Pipelines
- **Frontend:** React.js, Ember.js
- **Databases:** PostgreSQL, Elasticsearch
- **Platforms & Tools:** Terraform Cloud, Terraform Enterprise, SharePoint, TikTok Ads API
- **Concepts:** Policy-as-a-Service (OPA/Sentinel), Microservices, REST APIs, Log & Trace Management, ML Integration, Software Engineering Principles, Fullstack Engineering