**Shashank Priyadarshi**  **+91 74882 91328**

**Senior Software Engineer**  [hire@ssnk.in](mailto:hire@ssnk.in)

[GitHub](https://github.com/shashank-priyadarshi) [Blog](https://ssnk.in/)

**Software Engineer with 4 years of experience independently delivering distributed systems & FinTech solutions, assisting stakeholders with key design decisions alongside mentoring junior developers.**

### SKILLS: *Golang, Rust, Hyperledger Fabric, Linux, Docker, Kubernetes, Angular, ReactJS, Python, Temporal, OutSystems*

### EMPLOYMENT PROFILE

* **Full Stack Developer @ Avalara, Pune: Feb ‘25-Present**

**Technologies:** *Go, Rust, Python, Temporal, JavaScript, ReactJS, Scala, Kubernetes, Terraform, OutSystems*

* Cut turnaround time by half in On Call support role
* Automated On Call issue resolution by integrating documentation & past tickets with slack bot using RAG in LLMs
* Evaluated cost effective solutions for proxies, web scraping automation to augment leadership decision making
* **Senior Software Developer @ Nasdaq, Pune: Oct ‘24-Feb ‘25**

**Technologies:** *AxiomSL, CV, PL/SQL, R*

* Financial Report Automation using CV/AxiomSL
* **Associate Go Developer @ National Payments Corporation of India, Hyderabad: May ‘23-Oct ‘24**

**Technologies:** *Go, Linux, Hyperledger Fabric, RESTful API,* *gRPC, Protocol Buffers*

* Designed In House Workflow Orchestration application
* Led workflow automation micro-service in Digital FD application using Temporal
* Co-designed and developed SDK for blockchain agnostic operations based on Unified Blockchain API spec
* Designed and developed Common Code for Unified Blockchain
  + Led development of cache, server and DLT packages with technologies like Redis, Dragonfly, KeyDB, Memcached, Gin, fastHTTP, echo, Hyperledger Fabric, Ethereum, et al.
  + Standardized unit and integration testing for the Common Code
* Co-designed language agnostic Smart Contract Execution Environments for using Go, Docker and kaniko
* Standardized unit and integration testing, and test suites using Testify and standard testing packages
* Containerized development environment and CI pipelines
* **Systems Engineer @ Infosys Limited, Bangalore: Sep ‘21-Apr ‘23**

**Technologies:** *Angular, TypeScript, Go, AWS, Linux, Windows*

* Developed **Go plugins/integrations**
  + Developed API consumers for RESTful and GraphQL APIs from GitHub, GitLab, Atlassian Jira, Azure DevOps, SonarQube for data parsing and hoarding
  + Developed unified dashboards and cards to display Developer metrics i.e., Code Commit Velocity, Sprint Velocity, Contribution Churn, Pull Requests etc.
  + Refactored monolith Angular frontend to Micro Frontends
* Setup Live Engineering Kubernetes cluster for Integration Testing and DAST with micro services, MongoDB, Elasticsearch etc. using Rancher, AWS EC2 VMs

### PROJECTS

* [**tombstone**](https://git.ssnk.in/tombstone)**:** URL shortener for ssnk.in **Lang:** *Rust*
* [**objectify**](https://git.ssnk.in/objectify)**:** Object database over Level DB using **Lang:** *Go*
* [**ssql**](https://git.ssnk.in/ssql): Fully featured SQL database that never works **Lang:** *Go*
* [**inflict**](https://git.ssnk.in/inflict)**:** CLI application for inflation calculation **Lang:** *Go*
* [**linclist**](https://git.ssnk.in/linclist)**:** Web links aggregator and manager using **Lang:** *Go*

**Tech:** *Markdown, MongoDB, Angular 19*

### OPEN SOURCE

* **Go**: Refactor & documentation update
* **DiceDB:** Audit documentation and APIs
* **Hyperledger Fabric Contract API:** Documentation updates
* **Gamifying Refactoring:** Rewritten in Go

### ACCOMPLISHMENTS

* March 2024: **‘Well Done Award’** for contributions as Core Senior Developer to NPCI United Blockchain Platform
* December 2022: **‘Certificate of Achievement’** for contributions to Infosys Live Engineering
* April 2022**: ‘Certificate of Achievement’** for contributions to Infosys Live Engineering platform

### EDUCATIONAL BACKGROUND

* **BTech** in Information Technology from Techno International New Town, Kolkata, WB, IN, session of 2017-21.
* **Intermediate** in Phy, Chem, Math from LN Inter College at Bhagalpur, BR, IN, batch of 2016
* **Matriculation** from St Paul's School at Bhagalpur, BR, IN, batch of 2014