

Nishant Joshi

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EDUCATION

Lokmanya Tilak College of Engineering, Navi Mumbai, India

Aug. 2018 -- Jun. 2022

Bachelor of Engineering in Computer GPA: 9.33/10

EXPERIENCE

Juspay Technologies

Bangalore, India

• *Software Development Engineer - II*

Jan 2025 – Present

• *Software Development Engineer - I*

Jun 2023 – Jan 2025

• *Associate Software Development Engineer*

Oct 2022 – Jun 2023

◦ **Hyperswitch:** Hyperswitch is a unified payment platform that provides a single API for all payment methods, including UPI, cards, wallets, and more.

◦ **Connector Service:** Connector Service is a microservice that connects different payment processors and provides a unified interface for merchants to interact with them.

◦ **Dynamic Routing:** Dynamic Routing is a feature that allows merchants to route transactions to different payment processors based on various criteria, such as transaction amount, location, and more.

◦ **Hyperswitch Card Vault:** Card Vault is a secure storage solution for sensitive card information, allowing merchants to store and retrieve card data securely.

◦ **Finternet:** Finternet is an interconnected network of financial ecosystems designed to enable seamless, real-time transactions across diverse asset classes.

Worked on managing and maintaining the production infrastructure for the above products, ensuring high availability and performance.

Wingify

Remote

• *Software Engineer*

Jun 2022 – Oct 2022

◦ **VWO:** VWO is a leading conversion optimization platform that helps businesses improve their website performance and increase conversions.

◦ **Mobile Insights:** Mobile Insights is a feature that provides businesses with insights into their mobile app performance, helping them optimize their app for better user experience.

Contribution towards building backend pipeline for subscription tracking and analytics.

PROJECTS

• **marky:** A Markdown-focused Language Server Protocol (LSP) implementation that uses embeddings and large language models to provide intelligent assistance, including keyword analysis, summaries, and contextual insights within supported editors.

• **waypoint:** A lightweight system for managing URL shortcuts and shell command aliases through YAML configurations with real-time updates and shell support.

• **shelgon:** A Rust framework for building interactive REPL applications and custom shells, featuring type-safe command execution, asynchronous runtime integration, and a rich terminal UI powered by ratatui.

• **buco:** A Rust implementation of the builder pattern that enforces required fields at compile time and ensures clear error messages.

• **vocab-tui:** A terminal-based vocabulary learning tool that uses AI models to provide real-time feedback on sentence usage, aiding in standardized test preparation.

SKILLS

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- **Languages:** Rust, Go, Python, Typescript, Javascript, Haskell, OCaml, C
 - **Technologies:** Docker, Kubernetes, Terraform, AWS, Github Actions, Jenkins, Prometheus, Vim, gRPC

ACHIEVEMENTS

Certifications:

- RedHat Certified System Administrator (Nov 2020) - ID: ID 200-166-874
- Machine Learning, Stanford Online, Coursera (Oct 2020) - ID: VERIFY/DGJME7V4XVSV
- Deep Learning, NPTEL (Oct 2019) - ID: ID NPTEL19CS54S41820201

Awards:

- Certificate of Appreciation for Academic Excellence
- Certificate of Appreciation for deploying Industry Level Project
- Certificate of Appreciation for conducting Workshop on Python
- IEEE SIES Special Mention for Essay on Quantum Machine Learning

Publications:

- Image Compression with GAN