

PRATEEK BHARAT SHARMA

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EDUCATION

National Institute of Technology Hamirpur

Bachelor of Technology in Computer Science & Engineering (GPA: **9.78/10.0**)

Hamirpur, IN

Aug 2018 - May 2022

- ◊ **Among top 0.1% students** of my college in terms of CGPA & **Gold medalist of my batch.**

SKILLS

Programming Languages: C/C++, Java, Python, TypeScript, Golang

Frameworks / Libraries / Tools: Distributed Systems, Postgres, GraphQL, gRPC, AWS, Redis, OpenSearch

WORK EXPERIENCE

Flexport

Software Engineer II

Bengaluru, IN

Nov 2024 - Present

- ◊ Working in the Omni-channel fulfillment team at Flexport, driving global fulfillment expansion and high-performance system architecture. Spearheaded technical onboarding and code-review guidelines for a team growing from **4 to 12 engineers**, establishing core architectural standards to maintain code quality.
- ◊ Mitigated **\$600K+** in annual revenue leakage by identifying and resolving systemic billing API bottlenecks and logic errors; implemented an automated **Reserve Storage B2B Billing (VAS)** billing engine for Outbound operations.
- ◊ Reduced API latency from **25s to under 8s** by re-architecting a highly-concurrent distributed Order Service, eliminating critical bottlenecks in async inventory reservation and product resolution increasing throughput by **97%**.
- ◊ Engineered international B2B fulfillment infrastructure for Canada, Australia, UK and EU markets, automating **DDP, DAP** customs compliance and commercial documentation to unlock international shipping for enterprise merchants.
- ◊ Engineered a fault-tolerant label generation system integrating third-party APIs (**Easypost, FedEx**), implementing strict circuit breakers and retry mechanisms to guarantee **high availability** during upstream outages.
- ◊ Modernized reporting infrastructure by leading a **ledger-based pallet inventory** migration and rehauling Outbound Public APIs, delivering granular visibility to customers.

Shift Right

Software Engineer

Remote

July 2023 - Oct 2024

- ◊ Led the development of AzApp.one, an app enabling companies to calculate and offset their carbon footprint from commutes for Android using **React Native, Expo**, and a monorepo approach.
- ◊ Developed 'Pigs at War,' an NFT game marketplace using **React**, enabling secure trading of digital assets.

Google

Software Engineer

Bengaluru, India

July 2022 - June 2023

- ◊ Orchestrated API integrations and state management for Google Pay's SoundPod lifecycle, enabling **10M+ merchants** to manage device lifecycle - including ordering, plan selection, payments, and automated billing.
- ◊ Strengthened regulatory compliance by integrating third-party APIs (**Karza**) for real-time PAN verification and building agent-led field verification workflows, significantly improving onboarding reliability and trust.
- ◊ Overhauled the geolocation tagging system using the latest **Google Maps API**, implementing strict geofencing logic to prevent unauthorized cross-border onboarding and ensure full adherence to RBI guidelines.
- ◊ Integrated real-time backend settlement APIs and optimized data payloads, enabling merchants to initiate ad-hoc transfers with strict **sub-second** end-to-end processing latency.

ShareChat

Software Engineer Intern (Infrastructure)

Bengaluru, India

July 2021 - Oct 2021

- ◊ Designed and implemented a centralized, automated alerting platform, enabling real-time system monitoring and rapid incident response across multiple engineering squads using **Golang**.
- ◊ Architected scalable **Infrastructure as Code (IaC)** solutions to automate infrastructure provisioning, significantly reducing manual deployment overhead and enhancing cross-team system reliability.

ACHIEVEMENTS

ACM ICPC [[ICPC ID](#)]

- ◊ 2020 ICPC Asia Gwalior-Pune Regional Contest: Ranked **13th** out of 525 teams.

Coding Competitions [handles: [prateeksharma7](#), [prateek](#)]

- ◊ **Meta:** Ranked **1st** in Meta HackerCup 2025 in India (Global Rank: **67**)
- ◊ **Codechef:** Maximum Rating: **2379 (6-star)**, Ranked among **top 50** Indians on platform out of 200K.
- ◊ **Codeforces:** Maximum Rating: **2322 (International Master)**, Ranked among **top 20** Indians on platform out of 20K.