

Shubh Bansal

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Education

Guru Gobind Singh Indraprastha University
B. Tech in Computer Science Engineering

2018 – 2022
CGPA: 8.23/10.0

Professional Experience

Software Engineer 2
Atlassian LLP

Remote, India
July 2022 – Present

- Worked on Atlassian's cloud billing platform (**CCP – Commerce Cloud Platform**), which manages subscriptions, payments and invoicing for millions of cloud customers.
- **Built a standardized analytics and instrumentation framework** to reliably track and analyze key user journeys across billing flows, including entry-source tracking. **Drove technical decisions** around event taxonomy, data contracts and logging standards with cross-functional teams (Product, Analytics, Engineering).
- Developed self-serve subscription management flows using **state machines** and experimentation via Statsig, reducing churn rate by **34%**, customer support tickets by **50%** and mitigating **20%** of fraudulent activities.
- Overhauled billing flows by replacing REST APIs with **GraphQL + Relay** exposed via a **BFF (Backend for Frontend)** layer, reducing network overhead and **improving page load times by 85%**. Added CI/CD schema-sync checks, **eliminating a recurring 30-minute daily outage**.
- Delivered payment capabilities including **ACH & PayPal integration through Stripe**, consumption-based billing for products & AI features and custom-priced enterprise contracts, contributing to **\$150M annual recurring revenue**.
- Strengthened engineering quality by introducing **Playwright E2E tests** with reusable mock-data utilities (reducing test creation time from **8 to 2 hours**), expanding **Storybook** and **Jest** coverage and adding **Sentry Session Replays**, reducing time-to-resolution by **40%**.
- Implemented a vendor-facing **Audit Log** system for Atlassian Marketplace using **Kotlin + Spring Boot**, increasing transparency and trust in pricing and account changes.
- Conducted technical interviews for SDE candidates contributing to hiring decisions & improving team's engineering bar.

Software Engineer Intern
Deutsche Telekom

Gurugram, India
Aug. 2021 – Oct. 2021

- Contributed to the early backend build of Deutsche Telekom's **cloud-native, multi-tenant** OneShop platform.
- Built a **microservices-based backend** for the shopping cart and reservation module from scratch, implementing REST APIs, core business logic, and integration flows.
- Used **MongoDB** and **MySQL** across different services as part of the platform's data layer.

Achievements, Awards & Positions of Responsibility

- **Speaker - Google DevFest New Delhi 2025** - Quantum Computing Demystifying tech & Decoding Hype 🔗
- **People's Choice Award** winner at Atlassian's company-wide **ShipIt Hackathon**.
- Mentored **4000+ students cumulatively** in Data Structures, Algorithms, C++ and Python through various organizations (Coding Blocks, Geekster, Kyrion, Outscal) and open-source programs (GirlScript Outreach, UAcceIt, CrossWoC).
- Selected for **IBM-MIT Quantum Computing Fellowship**; earned the **IBM Quantum Challenge Badge** and **Quantum Excellence Certificate** from Qiskit Global Summer School (QML).
- Codeforces - **Expert(1632)** 🔗 | Codechef - **4 Stars** 🔗
- **13th National Rank** - IEEEExtreme 13.0 (2019) | **203/13,849 Global Rank** - CodeChef Challenge
- YouTube tutorial **17,000+ views** - Setting up VSCode on macOS for Competitive Programming 🔗
- **Vice President** - IOSD MAIT (College Tech Society)

Projects

WhatsApp Backup Parser | React.js

proramlogo.github.io/whatsapp-backup-parser 🔗

- A web-based interface to visualize WhatsApp chats exported as **.txt** files in native WhatsApp UI, supporting hyperlinks, formatting, dark mode, fullscreen mode, and screenshot capture.

Seam Carver | Python, Tkinter

github.com/proRamLOGO/seam-carver 🔗

- Implemented the **Seam Carving** algorithm in Python for content-aware image resizing with a GUI built using **Tkinter**.

Technologies

- **Languages:** C++, Python, Java, JavaScript, TypeScript
- **Tools & Frameworks:** React.js, GraphQL, Spring Boot, Bitbucket Pipelines, Git, Terminal, Sentry, Amplitude
- **Core Concepts:** Data Structures & Algorithms, OOPs, Microservices, CI/CD, System Design