Shubham Trivedi

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Experience

Goldman Sachs | Software Engineer — Jun 2025 – Present

- Built Kafka + OpenTelemetry pipeline processing **5M+ trading metrics/day** for internal analytics (BQL, SnowFlake), improving system observability.
- Built optimized EOD reporting system generating **1M+ reports/day** using batching to reduce DB load.
- Reduced trade booking latency from **200ms to 7ms (28x faster)** via backend and query optimizations.
- Migrated **100+** on-prem trading jobs to Cloud, reducing infra costs **30%** and improving reliability and performance by **25%**.

GEP Worldwide | Software Engineer — Jan 2023 – Jun 2025

- Led development of a **GenAI-driven** UI Plugin framework that transformed text prompts into deployable UIs, reducing **frontend build time by 60%**.
- Designed and implemented a **GenAI-based Supplier Recommendation System**, training models on internal data and integrating ChatGPT for external enrichment, boosting supplier search accuracy by **40%**.
- Handled client onboarding, resolved critical issues, and achieving a **30%** faster clients onboarding process.
- Implemented Cypress for automated testing, cutting manual efforts by **50%** and enhancing QA efficiency.

Gamezop | Frontend Developer Intern — Apr 2022 – Jan 2023

- Developed and deployed the Gamezop admin portal, boosting efficiency by **63%**.
- Contributed to Gamezop portals like Quizzop and Skillclash, now live with around **40M** users.

Technical Skills

C++, Data Structures & ALgorithms, JavaScript, TypeScript , Nodejs, Reactjs, NextJS, AngularJS, Redux, selenium, cypress, MongoDB, SQL, PostgreSQL, DynamoDB, Docker, Github Actions, CI/CD, AWS, Kubernetes, DotNet, GO, JAVA, Kafka, Otel, GenAI.

Software: Version Control - Git, Visual Studio, Linux, Postman, JIRA, Visual Studio Code etc

Projects

Pansari :-

- Designed a communication portal between shopkeepers and customers for safe, hassle-free grocery shopping during the pandemic, including slot booking and stock tracking
- Developed a system for generating shopping passes to ensure a smooth in-store experience, leveraging technologies like ReactJs, Tailwind, and Node.js .

HuiHui-Bot :-

- A high-quality music bot for Discord, created for easy integration without configuration, using JavaScript, Discord.js, and discord-player.
- Invite Link - https://discord.com/oauth2/authorize?client_id=816994233557844039&scope=bot

Education

Thapar Institute of Engineering and Technology, BE in Computer Engineering — Jul 2019 – May 2023

- GPA: 9.07/10
- **Coursework:** Operating Systems, Object-Oriented Programming, Data Structures & Algorithms, Data Science Fundamentals, Database Management Systems, AI Applications, NLP, Predictive Analytics, Computer Networks

Achievements And Awards

- **Winner**: HackOwasp2.1, Incubative Github Hackathon.
- **Finalist**: HackAgainstCovid Hackathon, HackTU and DelhiHacks2.0 Hackathons.

Technical Secretary, Owasp Student Chapter — Aug 2020 – May 2021

- Introduced Coding Culture in College which helped 250+ students to get started in the technical domain.