

Shivam Jain

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Experience

DevOps and Frontend Intern

Jan 2025 – Present

GoQuant

USA (Remote)

- Pioneered the overhaul of a critical end-to-end pipeline, resolving a six-month-long bottleneck within two weeks, significantly accelerating deployment cycles.
- Engineered cross-platform C++ binaries, enabling seamless functionality across macOS x86_64 and ARM architectures, thereby expanding the software's versatility.
- Leveraged React Scan to amplify frontend efficiency by 300%, strategically implementing memoization and list virtualization to minimize unnecessary re-renders and enhance user experience.

Tooling and CI Intern

Jun 2024 – Jan 2025

Calix

India

- Revamping and building internal tools from the ground up, migrating the existing codebase from PHP to React and FastAPI.
- Automated various tasks for Atlassian products such as Jira and Bamboo.
- Developed numerous script enhancements and automated manual processes, significantly improving team efficiency.

Open Source Contributor in DMP

Jun 2024 – Sep 2024

MeitY

India

- Developed an open source project (DPG) under MeitY for the Prime Minister Office and iGot project
- Utilizes **NextJS**, **LLM with RAG** for SQL DB queries, natural language processing to SQL query execution in 'n' number of databases .
- Used **Redis as queuing service** for mass marketing tool and implemented **Pixel tracking webhooks** for tracking mailing data.
- Converted **Email client into revamped Chat interface** using IMAP

FullStack Developer

Mar 2024 - May 2024

Techvestors

India

- Led backend development efforts and supervised a team of 2 backend developers.
- Developed frontend components and implemented serverless APIs for the backend using NextJS.
- Managed data modeling, APIs, and enhanced backend robustness by implementing comprehensive test cases.
- Used terraform and docker to setup infra

Full Stack Developer Intern

Jul 2023 – Nov 2023

SwiftRide

Bengaluru, India

- Spearheaded frontend development, making critical decisions and task management in collaboration with another developer.
- Utilized **React** and **Recoil.js** to develop frontend components and pages within a month.
- Orchestrated seamless integration of web sockets and APIs, occasionally designing frontend pages using Figma.
- Used **terraform** and docker to make the code work anywhere on any service.

Projects

Apix | Developed a Custom Language at FOSSHack 2025

[Website](#) | [GitHub](#)

- Designed and implemented **Apix**, a custom language aimed at replacing `.http` files, developed during FOSSHack 2025.
- Created a robust parser and a Visual Studio Code extension for Apix, enabling seamless API testing within the code editor.
- Positioned Apix as a **Postman alternative**, empowering teams to manage API testing directly within Visual Studio Code, reducing dependency on external tools.
- Promoted a **plugin architecture**, allowing the community to develop extensions for WebSocket, GraphQL, MQTT, and more, enhancing Apix's versatility.
- Facilitated easy sharing and collaboration of API tests, enabling developers to control and share their testing environments efficiently.

Intui | Docker, ExpressJS, Google Cloud, React

[Github](#)

- Developing a **fullstack online judge** facilitating **server-side code execution** through APIs, implementing **sandboxing techniques using Docker**.

- Ace Code editor package to implement editor functionality with syntax highlighting and other feature supports with multiple languages .
- Infra setup using Terraform . Google cloud run to reduce cost and run the entire thing for free upto 1 Million runs every month .

PaperLM | *Langchain, NextJS, Pinecone*

Github

- Developing a **fullstack PDF chatbot and AI based notetaking app** using RAG technique through Langchain.
- Frontend was done with NextJS AI sdk.
- Deployed Models that works on the cloud, uses AWS S3 to store user's PDF.

Technical Skills

Front End: ReactJS, NextJS, TailwindCSS

Backend: ExpressJS, NodeJS, Docker, Postman, Websockets, REST API's, Redis

Databases: MongoDB, PostgreSQL, Pinecone DB

Cloud: AWS S3, AWS Lambda, AWS EC2, Google Cloud Run, CI/CD, Jenkins, Terraform

Languages: Python, Typescript, JavaScript, C++

Tools: Git, Github, Figma, Linux, Vercel

Education

REVA University

2025

B. Tech.

Bengaluru, India

Achievements

- **Google Solution Challenge Regionalist:** Selected as one of the 150 teams out of India among 2500+ teams.
- **Core Member, GDSC:** Led Sponsorship and Web Dev team
- **Mentor and Judge, Synthax'24:** Provided mentorship and served as a judge for Synthax'24.
- **Tech Lead, REVOTHSAVA:** Developed the official website for Revothsava, the annual fest with 10,000+ attendees.