

UJJAWAL SHRIVASTAVA

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Work Experience

Backend Developer at Akudo

Jun 2022 - Present

Full-time – Managed and developed microservices for the backend team at Akudo, supporting a user-base of over **1 million** and handling a high traffic rate of up to **20K requests per second**.

Utilized the following technologies across various projects and features:

- NodeJS/Express with Typescript
- PostgreSQL (Prisma) / MongoDB (Mongoose)
- NATS Events Streaming
- Docker & K8s
- ReactJS with major CSS frameworks

Key Responsibilities:

- Added features, maintained existing services, and designed new internal and user-facing microservices.
- Developed custom NPM utility packages for internal use.
- Created the UPI transaction spin wheel rewards program.
- Implemented services for sending user analytics events to platforms such as Appsflyer, Mixpanel, and Moengage for tracking.
- Led the development of three major full stack projects using ReactJS:
 1. Payment Links with Cashfree SDK
 2. Instant Card Kit Activation
 3. Face Authentication for Full KYC.

Junior Software Developer at Redink.app

Dec 2021 - Mar 2022

Internship – Developed and maintained the NodeJS backend for the multi-tenant SaaS API. Also migrated existing APIs from Java to Node codebase. Actively participated in the planning of a new database architecture for improved performance.

Subject Matter Expert at TechCurators

Oct 2021 - Jan 2022

Freelance – Developed code and scenario-based problem statements, solutions, and test cases in various tech stacks (MERN, Django, Flask) for use in hiring on platforms such as HackerRank and others.

Technical Lead at Websitoz

Jan 2020

Freelance – Designed marketing & ecommerce websites for clients to boost their online presence.

Skills

- | | | |
|-------------------------|--------------------|------------|
| • TypeScript/JavaScript | • NodeJS/Express | • GraphQL |
| • Python | • Django/FastAPI | • HTML/CSS |
| • Docker | • ReactJS/NextJS | • Git |
| • K8s | • AWS/Azure/Oracle | |

Education

Delhi University B.Sc. (Honors) Computer Science (9.24 CGPA)	2022
Vishwa Bharati Public School (CBSE) Class 12 th (92.8%) Class 10 th (10 CGPA)	2019

Projects

<u>Web Face Auth for Full KYC</u> Developed a web application for Akudo that implemented face authentication for full KYC (Know Your Customer) verification. Implemented the necessary functionalities and interfaces to ensure secure and accurate identity verification for the KYC process. Stack: ReactJS/Vite, NodeJS/Express, Typescript, Tailwind, Google Mediapipe	Apr 2023
<u>Slack S3 Bot</u> Created a serverless Slack bot for Akudo's product and development teams, enabling seamless image uploading and updating in AWS S3 bucket directly from Slack channels. Stack: NodeJS, Vercel Serverless.	Sep 2022
<u>Xamify (API)</u> Backend for Xamify Project (A platform to create & conduct online examinations for colleges). Stack: NodeJS, Express.js, Prisma 2, PostgreSQL, Heroku	Sep 2021
<u>Bingo</u> A multiplayer web/mobile game to play with friends in private rooms. Stack: Flutter, GraphQL, Websockets	Aug 2021
<u>Confess</u> Web app where one can create their confession pages & share to view anonymous responses. Stack: React/Typescript, Apollo Client, Django, Graphene, PostgreSQL	Mar 2020

Positions of Responsibility

- 1. Head Social Media & Tech (E-Cell RLAC):**
Led social media and tech initiatives for E-Cell RLAC, enhancing online presence and engagement. Managed platforms, created content, and utilized tech tools.
- 2. Member Tech Team (Enactus RLAC):**
Contributed to Enactus RLAC's Tech Team, implementing solutions for impactful projects. Collaborated with cross-functional teams to leverage technology.
- 3. Head of Student Council (VBPS):**
Led VBPS Student Council, organizing engaging initiatives and events for student welfare. Represented student body and fostered a positive environment.
- 4. Google Web Ranger (2016-17):**
Participated in Google Web Rangers, promoting online safety and digital citizenship. Conducted workshops and campaigns on responsible internet usage.