

# Aditya Deshlahre

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## WORK EXPERIENCE

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### Google Summer Of Code'24 Mentee (Remote)

| [Link](#) | May 2024 - August 2024

#### OpenELIS Global

Minnesota/Wisconsin, Winona/Dodge County

- Migrated **MVC controller** to Rest Controllers [ EndPoints ]
- Rewritten all JSP pages to **ReactJS**, handling edge cases, and adding and updating many other features.
- Worked over **Admin & Configuration** pages
- Heavy state management over **Forms & Status** pages
- Merged over **25K Lines & 91 Commits** in organization codebase
- Skills Acquired  $\Rightarrow$  **Dyanamic Rendering, Strict-Validation, User-Edge Cases, SpringBoot, Maven, MVC & Rest Controller**

### Form Tribe Hackathon (Remote)

| [Link](#) | Oct 2023 - Oct 2023

#### FormBricks OSS

Kiel, USA

- Become RunnerUp (Tagged as **Guidance Guru**) On-boarded 10-20 students during hacktober'23 fest on FormBrick CodeBase (p2p help in Discord)
- Fixed **Account Manipulation** form issues on RunTime
- Fixed **Caching Team/User Group, NextJs Caching & Role Implementation** related issues
- Fixed **Valid ProductName** form issues non-empty-spacy names validation added
- Fixed **Team Selection** issues of updated/deleted teams
- Worked on official **on-boarding documentation** of FormBricks
- Skills Acquired  $\Rightarrow$  **NextJs Caching, Zod, Context Gathering**

## PROJECTS

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### properDM (WebSocket Based Chat Application)

| [Link](#) | *Personal Project*

- Created a **real-time chat application** using **WebSocket**
- Implemented **server-side logic** (mocking of data from JSON file) with **Express/Node.js, FS library** and managed WebSocket connections
- Simple frontend with **ReactJS** to handle real-time message rendering and user interactions
- Skills Acquired  $\Rightarrow$  **TypeScript, Express/Node.js, WebSocket(NPM), ReactJS, Real-Time Rendering**

### Code JUDGE (Reply Request Pattern)

| [Link](#) | *Personal Project*

- Developed an **code judging system** utilizing **Judge0** for code evaluation and a **Pub/Sub system**
- Implemented a **Reply Request Pattern** using **RabbitMQ** and **Docker** to manage code submission and evaluation responses
- Enabled real-time code evaluation and result delivery via a reliable messaging system
- Skills Acquired  $\Rightarrow$  **Judeg0 APIs, Pub/Sub Systems, RabbitMQ, Docker**

### Song Slayer

| [Link](#) | *Personal Project*

- Song Voting Application **WebSocket** based **writting in-memory** songs list
- Added upvote feature most upvoted song will be sent to **QUEUE** to be played
- Skills Acquired  $\Rightarrow$  **Typescript, WebSocket(NPM) & Rendering**

### Personal Bloging site

| [Link](#) | *Personal Site*

- Zola based **Static Blog site** hosted in **GitHub Pages**.
- Skills Acquired  $\Rightarrow$  **HTML, CSS & Markdown**

## TECHNICAL SKILLS

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- **Programming Languages** : TypeScript, JavaScript, Basics of Python, Java, Springboot, Maven & LaTeX
- **JS EcoSystem based Technologies** : RPCs (tRPC & gRPC), MongoDB, Express Node Js, React/Next Js, Zod, TailWind, MaterialUI
- **Miscellaneous Technologies** : MarkDown, Redis, DrizzalORM, Prisma, RabbitMQ, Docker, GraphQL, WebSockets, MonoRepo, Caddy, Linux, Bash, Git, GitHub

## EDUCATION

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### University Of Delhi (DU)

*BS. (Hons.) Mathematics & Computing*

South Campus, New Delhi

*July 2022 – July 2026*

- Cumulative GPA : **6.29/10.0**
- Relevant Coursework: JavaScript, Applied PyPackages, Python, Jupiter NoteBook, HTML-CSS-JS, Probability & Statistics, Maxima, Mathematica, LaTeX Language