Aditya Deshlahre

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WORK EXPERIENCE

Google Summer Of Code'24 Mentee (Remote)   May 2024 - Present
OpenELIS Global   *Minnesota/Wisconsin, Winona/Dodge County*

- Migrated **MVC controller** to Rest Controllers [EndPoints]
- Rewritten all JSP pages to **ReactJS**
- Handling edge cases & added and updated many other features
- Skills Acquired ⟹ **Dyanamic Rendering, Strict-Validation, User-Edge Cases, SpringBoot, Maven, MVC & Rest Controller**

Form Tribe Hackathon (Remote)   Oct 2023 - Oct 2023
FormBricks OSS   *Kiel, USA*

- Become RunnerUp (Tagged as **Guidance Guru**) On-boarded 10-20 students during hacktober'23 fest on FromBrick 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 ⟹ **NextJs Caching, Zod, Context Gathering**

OPEN SOURCE CONTRIBUTIONS

Google Summer Of Code'24 Mentee (Remote)   May 2024 - Present
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PROJECTS

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 ⟹ **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 $\implies$ **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 $\implies$ **Typescript, WebSocket(NPM) & Rendering**

Personal Bloging site | *Link* | *Personal Site*
- Zola based **Static Blog site hosted in GitHub Pages**.
- Skills Acquired $\implies$ **HTML, CSS & MarkDown**

TECHNICAL SKILLS

- **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

University Of Delhi (DU) South Campus, New Delhi

BS. (Hons.) Mathematics & Computing *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