UJJWAL KUMAR SINGH

✉ ujjwalsinghkashyap12@gmail.com

📞 +91-811-4580-978

in linkedIn/Ujjwal

○ github/Ujjwal

⌂ portfolio/Ujjwal

EDUCATION

Dr BR Ambedkar National Institute of Technology	Jalandhar, Punjab
Bachelor of Technology - Information Technology; GPA: 7.84	*December 2020 - June 2024*

EXPERIENCE

RoundGlass ☐ — Punjab, India
Software Engineer, Backend — *Aug 2024 - Present*

- Designed and maintained **Collective API** and **Auth Service API** using **Node.js, Koa.js**, and **SQL**, ensuring efficient back-end operations and scalable performance.
- Implemented asynchronous task processing with **Redis** and **Bull**, utilizing **pub-sub patterns** and **webhooks** for real-time updates and system synchronization.
- Built advanced search features using **Elasticsearch**, optimizing query performance to deliver fast and accurate results, improving user experience.
- Developed secure authentication and authorization systems with **Passport.js**, integrating token-based mechanisms for robust API access control.
- Integrated **Mixpanel** to track key events and analytics, providing actionable insights for monitoring API usage and optimizing performance.
- Enhanced database interactions with **Knex.js**, designing efficient schemas and ensuring scalable, maintainable queries in **MySQL**.

Bharti Airtel ☐ — Bihar, India
Technical Intern — *June 2023 - July 2023*

- Developed and Implemented **Python** scripts utilizing the **Pandas** library to analyze and process employee data extracted from organizational emails.
- My major role involved implementing a hierarchical analysis approach to evaluate work performance at different organizational levels, including manager, district, and town, providing valuable insights into team and regional efficiency.

PROJECTS

- **Job Seeker** ☐:
  - Developed a job seeking platform with **role-based access control**, enabling companies to register job postings and manage applications while allowing seamless job applications for seekers
  - Created RESTful API using **Node.js** and **Express.js**, responsive UI with **React.js** and **Tailwind CSS** and used **JWT** for Authentication
  - Implemented real-time email notifications with **Nodemailer** for application status updates and integrated **MongoDB** for scalable database operations
  - Github: Code
- **NetflixGPT** ☐:
  - Developed a Netflix clone with a movie recommendation system through OpenAI integration
  - Used **React.js** and **Redux** for the frontend, **Tailwind CSS** for styling, and **Firebase** for authentication
  - Integrated **TMDB API** for fetching movies and **OpenAI API** to act as a movie recommendation system
  - Github: Code

SKILLS

- **Core Languages** : C++, SQL, Javascript
- **Technical Skills** : OOPs, Operating System, RDBMS, Computer Networking, Data Structures
- **Frontend Stack** : React.js, Redux, HTML, CSS, Bootstrap, Tailwind CSS
- **Backend Stack** : Node.js, Express.js, MySQL, MongoDB, Mongoose, Socket.io
- **Developer Tools** : Postman, GIT, Kibana, Elasticvue, Docker

CODING PROFILE

Codeforces	Atcoder	Codechef	GFG	Leetcode	InterviewBit

ACHIEVEMENTS

- Secured an AIR Rank of 784 in **Google Kickstart** 2022 Round E among 17,000 Candidates
- **Rank 2** on InterviewBit among the whole 2024 batch from NIT Jalandhar.
- Achieved a Maximum **Rating of 1430 (Specialist)** at Codeforces
- Achieved a Maximum **Rating of 1756** at Leetcode
- Achieved a Maximum **Rating of 820 (6 Kyu)** at Atcoder
- Got invited to participate in the **Google Foobar Challenge** ,successfully completed 4/5 levels within timeframe.
- Solved 550 + Questions on Codeforces and Overall 1000+ Questions across various Coding Platforms.