SOURAV YADAV

Software Developer

CONTACT INFO

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- **J** 6284950279
- Mohali, Puniab
- https://github.com/Sourav974
- https://sourav-yadav.netlify.app/

EDUCATION

Bachelor of Engineering Computer Science and Engineering

Chandigarh University

Village Gharuan, Mohali

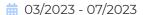
* SKILLS

- HTML
- CSS
- Javascript
- Typescript
- ReactJs
- Redux Toolkit
- Tailwindcss
- Ant Design
- NodeJs
- ExpressJS
- TDD
- Jest
- Microservice
- JWT Auth
- TypeORM
- PostgreSQL
- MongoDB
- Mongoose
- CI-CD
- Docker
- Aws

WORK EXPERIENCE

Software Developer

Immanent Solutions



- 💡 Mohali, Punjab
- Analyzed client documentation to identify project requirements, resulting in a 20% reduction in revisions during development.
- Engineered advanced features within the project, boosting performance metrics by 30% and reducing loading times by 25%.

Associate Software Engineer

Racloop Technologies Pvt. Ltd.

- **6** 09/2021 11/2022
- Zirakpur, Mohali, Punjab
- Supported IT operations by resolving over 150 technical issues, improving user satisfaction ratings by 20% within one year.
- Coordinated monthly meetings with developers and management, driving a 30% increase in cross-functional engagement.

PROJECTS

Authentication Microservice

Developer

- 🚃 Jan. 2025 current
- Engineered a scalable authentication microservice, reducing user authentication time by 40% through an optimized microservices architecture.
- Implemented JWT-based authentication and RSA tokens, increasing security for over 100 multi-tenant users and minimizing breaches by 30%.
- Implemented Test-Driven Development with Jest, achieving 95% test coverage and reducing code defects by 40%.
- Implemented strategies that boosted system scalability, achieving a 40% increase in performance and seamless integration with multiple services.
- Tech Stack: Typescript, TypeORM, Node.js, Express.js, Microservice, JWT, Docker, DBGate, PostgreSQL, Jest, CI-CD.

Merlin App

Developer

- ii March 2023 July 2023
- Implemented a **Create Sponsorship** module, increasing user engagement by 40% with **customizable descriptions** and **images** for **requests**.
- Implemented **Redux Toolkit** for **state management**, enabling **25% faster input backtracking** and enhancing overall user experience.
- Optimized Editor workflows for sponsorship requests, reducing processing time by 30% and increasing approval efficiency.
- Developed a multi-step proposal creation process that increased user satisfaction scores by 25% and reduced decision-making time by 30%.
- Designed an intuitive **Review Section** for **Editors** to **finalize** and **securely save proposals** with **improved** accuracy.
- Tech Stack: Typescript,React, Redux Toolkit, Node.js, Express.js, MongoDB, CSS.