

# SOURAV YADAV

## Software Developer

### CONTACT INFO

✉ souravyadav3313@gmail.com  
☎ 6284950279  
📍 Mohali, Punjab  
🌐 <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

- 📅 03/2023 - 07/2023 📍 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.

- 📅 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

- 📅 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.