

# Gagandeep Kaur *Software Engineer*

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📍 India

## Profile

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Experienced developer proficient in problem-solving and code optimization to enhance software usability and performance across diverse platforms. With over 3+ years in software development, I bring a strong track record of reviewing and updating code to drive operational efficiency. Seeking a challenging role that offers opportunities for professional growth and advancement.

## Professional Experience

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2021/12 – present  
Mohali

### Antier Solutions Pvt. Ltd

*Software Engineer* ☑

- Developed a subscription and ESG score application in React JS.
- Participated actively in team meetings, providing valuable input on deadlines, design, and process enhancements to ensure project success.
- Mentored junior development professionals, ensuring adherence to coding standards and fast-track skill development within the team.
- Designed and implemented a private blockchain explorer using Node.js and React JS, enabling seamless handling of high transaction volumes per second from the backend.
- Assisted the DevOps team in deployment processes, contributing to the successful release of software applications.
- Conducted knowledge transfer sessions for the QA team, ensuring comprehensive coverage of test scenarios essential for robust quality assurance.
- Developed and launched a new offering aimed at optimizing customer satisfaction.

2020/06 – 2021/10  
Mohali

### Unoiatech technology

*Software Engineer* ☑

- Spearheaded the development and maintenance of server-side applications using Node.js, guaranteeing robust and efficient performance.
- Designed and managed databases (SQL/NoSQL) to optimize data storage solutions, resulting in improved accessibility and scalability.

## Education

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2017 – 2019

### Msc IT

*Post Graduate Government College, Sector 11, Chandigarh* ☑

2013 – 2017

### BCA

*Guru Gobind Singh College for Women, Chandigarh* ☑

2012 – 2013

### 12<sup>th</sup>

*Sant Isher Singh Public School, Mohali* ☑

2010 – 2011

### 10<sup>th</sup>

*St Xavier's Sr. Sec. School, Chandigarh* ☑

## Skills

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### Backend Technologies

- Node.js
- Express.js
- RESTful API

### Programming Languages

- JavaScript
- TypeScript

### DevOps / Infrastructure

- Docker
- AWS

### Version Control

- Git
- GitHub
- GitLab

### API Development & Testing

- Postman
- Swagger

### Frontend Technologies

- React.js

### Databases

- MySQL
- PostgreSQL
- MongoDB

### Caching & Messaging

- Redis
- RabbitMQ

### Testing & Quality Assurance

- Jest
- Mocha

## Projects

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### Saitama [↗](#)

- Engineered a backend system for a blockchain explorer on Saitama, a Substrate-based chain with EVM support, contributing to enhanced system functionality.
- Devised and implemented RESTful APIs as endpoints for the blockchain explorer frontend, simplifying the querying and retrieval of blockchain data for frontend applications.
- Formulated and enhanced database schemas utilizing SQL to proficiently store blockchain data, resulting in optimized data management.

### Moz chain

- Engineered a robust backend system to support a blockchain explorer for an EVM-based public blockchain project.
- Strengthened the blockchain explorer to facilitate user interaction and real-time monitoring of the blockchain network, including tracking current blocks, transactions, and smart contract details.

### Dinaropay App

- Seamlessly integrated multiple third-party APIs, elevating app functionality and enhancing user convenience.

### Shido Explorer [↗](#)

- In the **Shido** project, an EVM (Ethereum Virtual Machine) based public blockchain, my primary responsibility was to develop a robust backend system for a blockchain explorer.
- This explorer serves as a critical tool for users and developers to interact with and understand the blockchain network's current state, including blocks, transactions, and smart contract details.

## Languages

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- English
- Hindi
- Punjabi