

# Gurpreet Singh

Delhi, 110059 | 9717983635

[gurpreetsingh656364@gmail.com](mailto:gurpreetsingh656364@gmail.com) | <https://www.linkedin.com/in/gurpreet-singh-ba52971b0>

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Goal-driven Full-Stack Software Developer with 3.5 years of experience in building and managing scalable web applications. Proficient in JavaScript, TypeScript, Node.js, Express.js, PostgreSQL, MongoDB, AngularJS, HTML, and CSS. Contributed to healthcare and NEMT projects, specializing in the MEAN stack and microservices architecture. Experienced with Redis, Docker, RabbitMQ, and skilled in Jest and Mockito for unit testing. Seeking opportunities to leverage my technical expertise in innovative projects and collaborate with a dynamic team.

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## EXPERIENCE

### Work Experience | Software Engineer

Aug 2021 - Present

*Taazaa Tech Pvt Ltd, Noida*

- Directed the successful launch of TOBI Cloud, a non-emergency medical transport service admin portal, which automates billing and invoicing, routing, scheduling with mileage tracking, delivers real-time information and helps audits and performance reviews. One of the main features of the app is live tracking of vehicles and drivers.
  - Developed responsive and cross-platform designs that are optimized for various devices and browsers.
  - Implemented payment gateway integration with Stripe and Authorize.Net for secure payment processing.
  - Gained strong proficiency in TypeScript, Node.js, PostgreSQL, MongoDB, and RESTful API development and integration.
  - Managed the implementation of a secure multi-user login system, significantly contributing to the project's success and overall user experience.
  - Conducted code reviews to maintain code quality and adherence to best practices.
  - Used Scrum (Agile) methodology to track progress against assigned tasks, report status, and proactively identify issues.
  - Maintained a highly organized workflow in a fast-paced, fluid, and dynamic environment
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### Skills

Aug 2021 - Present

*Expertise:*

JavaScript, TypeScript, Node.js, Express.js, Sequelize, AngularJS, HTML, CSS, PostgreSQL, MongoDB, RESTful API development and integration, Microservices architecture, backend development, and building scalable web applications.

*Familiar with:*

Docker, RabbitMQ, Redis, Socket.IO, Git, Postman, Unit Testing (Jest, Mockito), Agile/Scrum methodologies, Jira (for project management).

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### Back-End

Aug 2021 - Present

- Developed responsive RESTful APIs within a microservices architecture, enhancing scalability and maintainability.
- Implemented payment gateway integration for processing payments through Stripe and Authorize.net.
- Managed the implementation of a secure multi-user login system, significantly improving the user experience.
- Conducted code reviews to ensure code quality and adherence to best practices.
- Handled monthly subscription invoicing and payment processing, ensuring accuracy and

timely execution.

- Implemented the CQRS pattern, effectively separating command and query responsibilities for improved system responsiveness.
- Applied Domain-Driven Design principles, identifying and modeling core business domains for a modular architecture.
- Leveraged Event-Driven Architecture, utilizing event sourcing for effective microservices communication and flexibility.
- Maintained, tested, and wrote unit test cases during development to ensure code reliability.
- Performed root cause analysis for bug fixing and implemented solutions to enhance performance and scalability.
- Optimized and redesigned existing APIs to improve performance and ensure robust system operations.

## Front-End

Aug 2021 - Present

*TypeScript with Angular*

- Developed responsive web applications using Angular, focusing on a modular and scalable component-based architecture.
- Implemented efficient data handling through Angular services, integrated RESTful APIs, and conducted comprehensive testing for code quality and reliability.

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## EDUCATION

### Bachelor of Technology (B.Tech.) – Information Technology

Aug 2017 - Aug 2021

*Guru Tegh Bahadur Institute of Technology, New Delhi*

- Graduated with distinction, achieving an overall GPA of 75%.
- Actively participated in extracurricular activities, demonstrating leadership and teamwork skills.

## HONORS & AWARDS

**Recognized as a top performer, customer hero, and team player**

2023

*Taazaa Tech*

**Commended for redesigning operations to enhance the project's user interface.**

2023

*Taazaa Tech*