

# Kanahiya Gupta

## CONTACT

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## SUMMARY

Detail-oriented Software Developer with 2 years of experience in backend development using Node.js, Express, and JavaScript. Proven expertise in creating scalable applications with real-time communication via Sockets and integrating cloud services such as Firebase and AWS S3. Skilled in managing databases with MongoDB and MySQL and implementing secure payment solutions using Stripe, PayPal, and PayTabs. Adept at in-app purchase verification via Google Play and App Store, committed to delivering secure, high-performance solutions.

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## PROFESSIONAL EXPERIENCE

### Software Developer | April 2023– Present

Deftsoft Informatics Pvt. Ltd – Mohali

- Designed, developed, and maintained scalable web and mobile applications using JavaScript, Node.js, and React.
- Worked with MongoDB and SQL to manage and query large datasets efficiently.
- Developed and integrated third-party APIs for authentication, payment processing, and notifications.
- Collaborated with cross-functional teams to design and implement new features.

### Software Developer | Jan 2023 – March 2023

Gilard Application Programmers LLP – Mohali

- Developed and maintained dynamic web applications using PHP.
  - Followed Agile methodologies and used Git for version control, and team collaboration.
  - Optimised database queries and indexing to enhance application performance.
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## SKILLS

- Back-end programming: Node.js, Express, Javascript
- Real-time Communication: Sockets
- Cloud Services: Firebase, AWS S3
- IAP: RTDN using Google Play Console, App Store account
- Database Management: MongoDB, MySQL
- Payment Integration: Stripe, PayPal, PayTabs
- Frontend Technologies: Reactjs, Redux, TypeScript
- State Management: Redux-Saga

## TOOLS/ SOFTWARE

- Development: VS Code
- API Testing: Postman, Swagger
- Version Control: GitLab
- Database Management: MongoDB Compass, phpMyAdmin, pgAdmin4

## EDUCATION

### Seth Jai Parkash Mukand Lal Institute of Engineering and Technology | Radaur, HR

Bachelor of Technology (B.Tech) in M.E

- Percentage – 74.22%

### Govt.Sr.Sec.School | Yamunanagar–HR

12th–Grade, Non–Medical | 2018

- Percentage – 65.8%
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## KEY PROJECTS

### MentalFit

**Environment :** Node.js, VS Code, RTDN, MongoDB, Swagger

**Role :** Software Developer

**Description :** MentalFit is an innovative platform dedicated to supporting individuals experiencing mental health challenges. The application provides a safe space for users to document their daily thoughts, moods, and feelings, helping them track their emotional well-being over time. Additionally, MentalFit integrates RTDN functionality through the Google Play Console and App Store accounts, ensuring secure in-app purchase verification and subscription management. This project bridges the gap between mental health support and technology, empowering users with tools to monitor and manage their mental wellness.

#### Responsibilities :

- **Backend Development:** Developed and maintained robust backend services using Node.js to support real-time data submission and retrieval for both native and web applications.
- **RTDN Implementation:** Integrated RTDN verification using Google Play Console and App Store accounts, ensuring secure and reliable in-app purchase transactions.
- **Database Management:** Leveraged MongoDB for efficient data storage and retrieval, ensuring scalability and data integrity for user-generated content.
- **Cross-Functional Collaboration:** Provided continuous backend support to both the native mobile and web development teams, ensuring consistent application performance and a unified user experience.
- **Testing & Debugging:** Utilized Swagger to rigorously test APIs, debug issues, and ensure that all backend services met performance and security standards.

### Albastini

**Environment :** Node.js, Sockets ,VS Code, MongoDB, Postman

**Role :** Software Developer

**Description :** Albastini is a real-money card game that allows users to purchase coins using actual currency. The game offers both one-to-one gameplay and tournaments organized by the admin team. I collaborated closely with the Unity development team to implement real-time gameplay features using sockets, as well as with the React team to develop and integrate admin APIs.

#### Responsibilities :

- **Backend Development:** Built and maintained backend services using Node.js to support game logic, real-time communication, and secure transactions.
- **Real-Time Integration:** Implemented socket-based communication to enable real-time gameplay and event updates during matches and tournaments.
- **API Development & Testing:** Designed RESTful APIs for both game interactions and admin functionalities; used Postman to rigorously test endpoints for performance and security.
- **Database Management:** Managed data storage with MongoDB, ensuring efficient data retrieval and scalability for user profiles, transactions, and game records.
- **Cross-Team Collaboration:** Worked closely with the Unity team for game mechanics and real-time features and partnered with the React team to deliver robust admin APIs and dashboards.
- **Transaction & Payment Handling:** Supported the in-game purchase flow by integrating secure payment processing to allow users to buy coins with real money.