

# SOFTWARE ENGINEER



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## EDUCATION

May 2024

**Chandigarh University, Punjab**  
*Master of Computer Applications*  
(Distance)

May 2022

**GLA University, Mathura**  
*Bachelor of Computer Applications*

## RELEVANT SKILLS

JavaScript

Node.js

Express

PHP

LARAVEL

SQL

JSON

Git

NPM

APIs

Debugging

HTML,CSS

# UMANG VARSHNEY

## CAREER OBJECTIVE

Software Engineer with 3+ years of experience in building scalable and high-performance back-end solutions. Skilled in developing RESTful APIs, integrating third-party services, and optimizing system efficiency using Node.js, Express.js and Laravel. Expertise in database integration, secure authentication, and performance optimization. Experienced in creating custom features, implementing multi-platform APIs, and ensuring web application security.

## PROFESSIONAL EXPERIENCE

**SingleInterface**  
Software Engineer

Gurugram  
Apr 2022 | Current

### Projects :

#### 1. Audit Project :

- Developed RESTful APIs with Node.js and Laravel, ensuring scalable and efficient back-end services.
- Secured database connections and maintained data integrity using advanced authentication methods.
- Integrated third-party APIs like Google and SERP for fetching client location data.
- Used Amazon SQS for efficient message queuing and data processing.
- Optimized storage solutions for bulk data, ensuring cost-effective management of large datasets.
- Developed web scraping scripts to gather location details, reviews, and Google rankings.

#### 2. Connect App :

- Led architecture and development of RESTful APIs at Connect-App, focusing on scalability and performance.
- Implemented secure authentication and authorization in Express.js to protect sensitive data and features.
- Integrated Firebase APIs for efficient push notification functionality, enhancing user engagement and real-time updates.
- Set up cron jobs for automated data collection and periodic tasks, enhancing system efficiency and data accuracy.
- Integrated Meta APIs to expand application functionalities and support data processing and analysis.

#### 3. Google Business Messages Chatbot :

- Built scalable back-end components with Express.js for the Google Business Messages Chatbot.
- Integrated Meta APIs (WhatsApp, Facebook, Instagram) to expand Chatbot reach.
- Engineered custom features like appointment scheduling and product inquiries for the Chatbot.
- Developed client-specific APIs (e.g., Samsung, Nissan, MOSL) to optimize lead capture and engagement.