

# Soumay Khandelwal

📍 Bharatpur, Rajasthan | ✉️ soumaykhandelwal@gmail.com | ☎️ +91 89051 19525 | **in** Soumay Khandelwal | 🌐 Soumaykh

## Career Objective

**Aspiring Software Engineer** with strong skills in **Java**, **Spring Boot**, and modern web technologies. Experienced in data structures, OOP, and working with **SQL** and NoSQL databases. Passionate about writing clean, efficient code and building reliable software solutions.

## Education

**Vellore Institute of Technology**

*Sept 2022 – Present*

*B.Tech in Computer Science*

- CGPA: 8.57
- **Coursework:** Data Structures and Algorithms, Database Systems, Operating Systems, Computer Network, Computer Architecture and Organization, Information Security, Foundations of Data Science, Software Engineering

## Skills

**Languages:** C++, C, Java, Python, HTML, JavaScript, SQL

**Technologies & Tools:** React.js, Node.js, Express.js, REST APIs, Git, GitHub, MongoDB, Spring Boot

**Data Analysis & ML Tools:** Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn

**Soft Skills:** Problem-solving, Team Collaboration, Adaptability, Time Management, Critical Thinking, Continuous Learning

## Experience

**Software Development Intern**

*Mumbai, Maharashtra*

*Credit Guarantee Fund Trust for Micro and Small Enterprises (CGTMSE)*

*May 2025 – July 2025*

- Analyzed and optimized PL/SQL procedures in Oracle databases to support data cleansing and reporting during the GMS transition at CGTMSE.
- Developed a secure Borrower Modification API in Spring Boot with encryption, validation logic, and integration of Oracle stored procedures for staged data updates.
- Created a generic Fetch Master Data API enabling encrypted retrieval of reference data from multiple master tables, improving modularity.
- Ensured backend security using AES/CBC encryption and JDBC integration with PL/SQL functions for validated and auditable transactions.

## Projects

**Imagify – AI-Powered Text-to-Image Generator**

*Soumaykh/imagify* [🔗](#)

- Developed a full-stack web application that generates high-quality AI images from user-provided text prompts using the ClipDrop API.
- Implemented a credit-based image generation system with JWT authentication and protected routes for secure access.
- Built a responsive and animated frontend using React.js, React Router, Context API, and Framer Motion for rich user experience.
- Designed backend APIs with Node.js and Express.js to manage user auth, credit tracking, and image generation via ClipDrop API.
- Integrated MongoDB via Mongoose for storing user credentials and credit balances.
- Razorpay integration to support real-time credit purchases via a secure payment gateway.
- Tech Stack: React.js, Node.js, Express.js, MongoDB, ClipDrop API, JWT, Framer Motion, Toastify, Tailwind CSS

## Certifications

- Microsoft Certified: Azure AI Fundamentals
- Cloud Computing - Oracle Certified Foundations Associate