Aman Singh Gautam

✉ amansinghgautam41@gmail.com | 📞 (+91) 9305438290

in **Linkedin** | ○ **Github** | ✦ **LeetCode**

Skills - Java, C**++**, Python, Javascript, Microservice, SpringBoot, MongoDB, Firebase, Agile

---

WORK EXPERIENCE

Associate Product Engineer - 2   **Noida, India**
CredAble   July 2023 - Present

○ Developed an **async event-driven architecture using Amazon SQS**, enhancing efficiency and Improving **memory optimization** for the Loan Management System by streamlining the event chain.
○ Created a scalable, **dynamic Loan Product Configurator** that leverages **database-driven changes**, **eliminating the need for significant code modifications—reducing development effort by** approximately **60%** and enabling **rapid adaptability** to meet **diverse requirements** within the Loan Management System.
○ Spearheaded the transition to a **modular jar architecture** through extensive code refactoring, **enhancing code quality, simplifying deployment by 25% and distribution and accelerating delivery timelines.**
○ Built an EMI Calculator tailored to configurations provided by the Loan Product Configurator.
○ Implemented API versioning (v2.0) to ensure backward compatibility, supporting integration for both versions.
○ Re-structured credit-check limits based on credit categories, leading to **30% increase** in efficiency in tracking.
○ Implemented Liquibase to ensure precise management of database changes across various environments, resulting in a **500% increase** in database transfer speed.
○ Enhanced code coverage(unit tests) from **6% to 100%** of Fundx. My contribution in this work is nearly 70%.
○ Integrated **50+ REST APIs** in and maintained operational efficiency and **enhanced data accuracy**.
 Technology -**Java, Spring Boot, Angular, Message Queue, MySQL, SQS, Liquibase, Postman, Linux**

Freelance Backend Developer   **Remote**
The Rock Gym   Feb 2023 - May 2023
A website specifically designed for managing gym dues.
○ Engineered system for retrieving members based on overdue fees, customised according to chosen packages.
○ Utilised the **Fast-2-SMS API** to seamlessly send messages to members regarding upcoming & pending dues.
Technology - Node.js, Express.js, MongoDB, Javascript , HTML, CSS.

EDUCATION

● **Indian Institute of Information Technology, Lucknow**   **Lucknow, India**
Bachelor of Technology in Computer Science, CGPA - 8.38/10   August 2019 - June 2023

PROJECT

Rentz   **Flutter, Shared Preference, API**
An app to provide homes and utilities on rent.   May 2021 - June 2021
○ Implemented the **utilisation of Shared Preferences** to proficiently store and manage user favourites.
○ Executed **integration of OpenStreetMap API** to enhance visual representation of locations on the platform.
Placement Booster   **Node.js,Express.js,mongodb,HTML,CSS**
Website which helps students to learn core subjects during placement.   March 2022 - April 2022
○ Streamlined user administration process by introducing a dynamic user management system, empowering administrators to seamlessly create and update flashcards, notes, and MCQ test questions.

ACHIEVEMENTS

Rated **Specialist(among top 5%)** on CodeForces (**max rating: 1550**)   **CodeForces_Profile**
Rated **4 star** on CodeChef (**max rating: 1850**)   **CodeChef_Profile**
ICPC Kanpur 2020-21 Regionals**: 65 AIR**   **Certificate**

Course Work/Tools : DSA, OS, DBMS, OOPs, Computer Networks, System Design,Github, Visual Studio Code.