







# NAGMA NAAZ

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## PROFESSIONAL SUMMARY

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Results-driven Software Engineer with extensive experience in developing high-quality, mission-critical CRM solutions for customers and partners. Proven ability to collaborate with cross-functional teams, ensuring seamless project execution through exceptional communication and interpersonal skills. Adept at hands-on programming with a strong focus on quality assurance, delivering reliable and impactful software solutions that meet business objectives.

## SKILLS

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**Software Development Life Cycle:** Requirements Analysis, Development Methodologies, Programming Expertise, Quality Assurance, Refactoring Debugging, Test Automation Tools, Version Control Systems

**Programming Languages:** JavaScript (Node.js, Express.js), Java , C, C++, Typescript

**Databases:** MySQL, MongoDB

**Source Control:** Git, GitHub, Bitbucket

**IT Constructs:** DBMS, OOPs, Data Structures & Algorithms, RESTful API, Networks, Microservices Architecture

**Software & Tools:** Splunk, Robo3T, Windows Active Directory, NetWitness Investigator, Google Colab, Postman, Swagger, MongoDB Compass

**IDEs:** WebStorm, IntelliJ, VSCode

## WORK EXPERIENCE

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### Vymo - Software Developer Engineer

*May 2023 -till date*

- Designed and implemented a location-based activity check-in system where managers can schedule tasks for subordinates to visit specific branches. The system uses geofencing to validate real-time check-ins. If the user's location is within the defined radius of the branch, the check-in is marked as "Present"; otherwise, it triggers a notification to the manager. Integrated efficient location validation and real-time status updates for seamless monitoring.
- Developed a system to manage foreign currency spend limits, cash-outs, and direct purchases for cardholders. Implemented modules for card onboarding, data verification, maintenance, and inquiry. Designed a relational database with tables for cash, purchases, and total foreign exchange limits (FEL), ensuring seamless data updates based on user-defined replenishment intervals (daily, weekly, monthly). Added frontend validations to ensure total cash is always greater than or equal to total FCY cash and integrated dynamic replenishment logic to update limits in real time. Ensured system scalability and data integrity through robust backend logic and optimized database design.
- Led the design and implementation of a one-tap login system seamlessly integrated with Single Sign-On (SSO) infrastructure. Validated and processed authentication tokens to fetch user details securely via external SSO APIs, enabling faster logins while maintaining robust security, resulting in a 50 reduction in login time and enhanced user experience.

### Vymo - Associate Software Developer Engineer

*Jan 2023- April 2023*

- Created APIs for optimizing lead distribution to the CallCenter and secure lead creation and edition through dedup with encryption and decryption capabilities at both client and server ends. Due to this Positive lead journey significantly increased by 12.5
- Implemented CRM call integrations, where the request body is transmitted through messages carried by Kafka message objects. Enhanced the implementation to ensure it meets production-ready standards.
- Designed, developed, and maintained production-ready SFTP file processing scripts, incorporating robust error handling and automation through cron schedulers. These scripts streamlined data transfers, enhancing efficiency and reliability by 23

## PROJECTS

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## Naazblog

- It is a blog website where user can **create, delete, post** and **comment**.
- Had used **Express JS** framework for back-end **EJS** as an view engine and **Postgresql** as a database.
- Had used library **Passport** and **Express-session** for authentication and managing user.

## EDUCATION

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### **IIT-Allahabad**

*M.Tech in Information Technology , Prayagraj, U.P GPA: 8.83/10*

*Sept 2021 - June 2023*