




GARVIT JOSHI

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EDUCATION

Lovely Professional University

Bachelor of Technology Computer Science, *GPA: 7.77*

Jalandhar, Punjab

Aug 2018 - Jul 2022

St. Anthony Sr. Sec. School

XII, Physics, Chemistry, Maths, Computer Science *Percentage: 66.6%*

Fatehgarh, Uttar Pradesh

May 2017 - Jun 2018

St. Thresa Sr. Sec. School

X, *Percentage: 68.4*

Nainital, Uttarakhand

May 2015 - Jun 2016

WORK EXPERIENCE

MoveInSync

Software Engineer

Bengaluru, Karnataka

May 2022 - Present

- Contributed to the Vehicle Optimization team, automating employee commute to the office while maximizing cab utilization.
- Collaborated on automating point of interest setup for new clients, streamlining onboarding processes and enhancing client satisfaction.
- Implemented a dynamic employee scheduling solution utilizing a genetic algorithm to optimize workforce allocation for clients, effectively reducing mobility costs.
- Collaborated on developing a Configuration Service allowing clients to select routing algorithms for employee management.

MoveInSync

Software Engineer-Intern

Bengaluru, Karnataka

Oct 2021 - Apr 2022

- Enhanced UI Automation Suite, elevating pass rates from 40% to 75%.
- Integrated JPA and In-Memory Caching into microservices, boosting application stability by 5% and improving performance by up to 30%.

SKILLS

AWS:	AWS S3, EC2, Route 53, AWS SDK
Java:	Java 8 - 21, Virtual Threads, Thread Pool Executors, Reactive Programming
Spring Boot:	Spring Data JPA, Spring Security, jOOQ, Spring Reactive Web, JDBC
Tools and Framework:	Redis, Apache Kafka, PostgreSQL, Amazon Redshift, Amazon DynamoDB

PROJECTS

Mailing Service Java 17, Spring Boot 3.x

Founded and led AWS Cloud Community-LPU during college, creating an official mailing engine and registration system to enhance communication and event coordination, leveraging AWS cloud services, and achieving measurable community growth and engagement.

Redux C++ 11, CMake

Developed a C++ cross-platform application to securely store user data with AES 256-bit encryption.

Iron Hide Java 21, Spring Boot 3.x, PostgreSQL, Virtual threads, Kafka

Designed and developed a robust auditing service for seamless integration with Kafka and controllers. The service, implemented in Java 21 and powered by Spring Boot 3.x, leverages PostgreSQL for data storage. Virtual threads enhance performance and scalability.

Ada Python, RSS Feed parser

A Telegram bot hosted on AWS EC2 that broadcasts AWS Infrastructure news from the official AWS RSS feed to a Telegram group, featuring caching and logging functionalities for enhanced performance and monitoring.

Aster Python, TelegramBot

Aster, all-in-one solution for WazirX crypto exchange analysis on Telegram.

Custom Alerts: Set personalized alerts for specific crypto assets, ensuring you never miss out on crucial market movements.

Bhagavad Gita Laravel, PHP, PostgreSQL

Designed and developed a comprehensive Laravel project encompassing both frontend and backend components, utilizing a PostgreSQL database