

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 3.0*

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.



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.



Bhagavad Gita *Laravel, PHP, PostgreSQL*

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

