

# SHRESTH JAIN

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Shresth-Jain

## Education

### Delhi Technological University

August 2019 – May 2023

Bachelor of Technology in Mathematics and Computing

9.14 CGPA

**Courses:** C-programming, Data structure & Algorithm, Database management Systems, Object Oriented Programming, Discrete Mathematics, Operating system, Graph Theory, Software Engineering, Artificial Intelligence.

## Skills Summary

**Languages:** Java, MySQL, Bash, C++, C, Python, HTML5, CSS3, JavaScript(ES6)

**Frameworks:** Express.js, React, Selenium

**Databases:** MySQL, AWS Redshift, MongoDB, InfluxDB, DynamoDB, RDS

**Tools:** Grafana, Telegraf, Graylog, Airflow, Jenkins, Docker, Kafka, Redis, Kibana, New Relic, Confluence, BitBucket

**Platforms:** AWS, Linux/Ubuntu, Windows

## Experience

### Gameskraft

July 2023 – Present

Software Engineer - Data and Devops (Full-time)

Bengaluru, India

- Deployed the **open-source tool Graylog** as a centralized logging system, enabling log monitoring and alerting across teams. Scaled the infra to handle up to **3TB logs per day, reducing TAT by 90%**.
- Reduced team's S3 costs by 72%** and **overall AWS expenses by 41%**.
- Scaled **ScyllaDB** in production and optimized Java services to handle **1 million** requests per minute.
- Optimized database queries, and infrastructure to scale** from weekly to annual account statement generation, handling a **10x** increase in generated statements volume.

### Probo

January 2023 – June 2023

SDE Intern

Gurugram, India

- Increased user engagement and improved user experience on the platform by 20% by developing an algorithm to **automate home feed** generation based on users' activities, eliminating the overhead of content team.
- Reduced the Google Translate API costs by 90% through content templization techniques.
- Increased team productivity by 30%** by developing an easy-to-use, intuitive API for creating templates enabling team to focus on content creation rather than technical details.

### Citi Bank

May 2022 – July 2022

Technology Analyst Intern

Pune, Maharashtra

- Automated** the MTP report generation cron job by developing a robust automation service, reducing the manual intervention by **95%**.
- Reduced the report generation turnaround time by **85%**. by improving the periodic average MTP analytic reporting tool of the microservice architecture.

## Projects

**MTNL FRS Bot** | | NodeJs, HTML5, CSS3, JavaScript (ES6), jQuery, Heroku, Termux

- Engineered a secure API to transmit consumer complaints from the FRS portal to regional Telegram accounts, deploying the server on an old Android device; **improved fault resolution efficiency by 40%**.

**Resume Extractor Application** | | Python, pandas

- Developed a **tool** for Placement Coordinators and Hiring Managers to extract resumes from CSV-linked URLs and create ZIP archives, drastically reducing the task's turnaround time by **95%**, minimizing the manual efforts by more than **98%**.

## Achievements and Awards

- 5 Star at CodeChef.** (Max Ratings: 2060)
- Specialist at Codeforces** (Max Ratings: 1427)
- Google HashCode - 2022** (AIR 468) : Global Rank 2322/10,200.

## Leadership and Extracurricular

- Placement Coordinator - Placement Cell, DTU:** Onboarded and managed processes for 100+ companies. Organized and facilitated two training seminars for over 4,000 pre-final and final-year students.
- President - MACS'22:** Led a team of over 250 members, collaborating with college administration to organize more than 15 workshops, webinars, and competitions..