



# SHUBHAM KUMAR

MALE | 23 YRS | [Shubhamk5928@gmail.com](mailto:Shubhamk5928@gmail.com) | +91-8295895415 | <https://www.linkedin.com/in/shubhamk5928/>

## EDUCATION

Course	Year	University/Institute	Marks
B.Sc. (Hons.) Computer Science	2020-23	Hansraj College, University of Delhi	8.25 CGPA
BSEH (Class XII)	2020	MLN Sr. Sec. School, YNR	95%
BSEH (Class X)	2018	Swami Vivekanand Sr. Sec School, YNR	80.2%

## EXPERIENCES

### Member of Technical Staff (Backend), GeeksforGeeks, Noida - Sec 135

March 2023 – Present

- Managed user data tracking for the GeeksforGeeks portal, processing 2-3M+ daily entries into GCP BigQuery, leveraging the data to drive content strategy based on user engagement and time spent on topics.
- Migrated a user database of 23M+ users from MySQL to Amazon DynamoDB, boosting scalability, performance, and reducing latency.
- Configured Mautic Open Source Marketing Automation Platform to streamline bulk email campaigns and marketing workflows.
- Engineered an authentication system with JWT and social logins, supporting 23M+ registered users for secure account creation.
- Implemented product pages, search filters, shopping cart functionality, and user authentication for a seamless experience.
- Built a remuneration portal backend with Node.js and MongoDB, automating freelancer payments and reducing processing time by 30%.

### Software Development Engineer Intern, Younity.in., Delhi

July 2022 – August 2022

- Younity in – a community-led Ed-Tech platform with 2,00,000+ learners.
- Developed an in-house marketing automation tool with features like bulk email sending, email scheduling, URL shortening, dynamic mail content, and targeted user segmentation based on multiple factors using AWS Postgres, DynamoDB, Redis, SES, SQS, SNS & Django.
- Currently handling 25-30M+ monthly emails, tracking key metrics such as read percentage, bounce rate, unique opens, and failed deliveries.

## SKILLS

- Programming Languages:** Node.js, Python, JavaScript, TypeScript
- Databases:** MySQL, MongoDB, DynamoDB, BigQuery, PostgreSQL, Redis
- Cloud Platforms:** AWS (SES, SQS, SNS, DynamoDB), Google Cloud Platform (BigQuery)
- Key Technologies:** JWT Authentication, RESTful APIs, Marketing Automation (Mautic), E-commerce Development
- Professional Skills:** Large-scale system design, Database Migration, Performance optimization, Email marketing automation, Data analytics and tracking.

## ACADEMIC PROJECTS

- Raktjeevan': an e-Blood Bank:** This project aimed at creating a centralized system for maintaining the database of a Blood Bank and the donor which can be used to locate blood banks and donors and facilitate the process of blood donation and retrieval along with various other features like making an appointment for blood donation and organizing blood donation camps. This project was a **multi-member team**, and my role was to **handle the Frontend modules**. At the end, we managed to create a complete System Requirement Specification document.
- Detailed Analysis of NIRF Ranking (2016-2021) of Different Institutes Across India** – During the Project, we did a detailed analysis of Different institutes across India. As a technology, we use **Python's Pandas and NumPy modules**. **Active Researcher** in a team of four. At the end, we successfully generated the Analyzed Jupiter notebook.

## ACADEMIC ACHIEVEMENTS AND AWARDS

- Awarded the CENTRAL SECTOR SCHEME OF SCHOLARSHIPS FOR COLLEGE AND UNIVERSITY STUDENTS by the **Central Government** for excellent Performance in the Senior Secondary Examination.
- Awarded the consolation-II position under the theme Li-fi (IT) in the 7th Science Exhibition-2019.
- Participated in the 2<sup>nd</sup> International Equanimity Olympiad-2016.
- Contributed to **Project Samarth** by the **MoE (Ministry of Education)** and executed by Delhi University.
  - Utilize Python and collaborate with Jupiter notebooks for data analysis and experimentation.
  - Engage in regular progress meetings to discuss research findings and refine project objectives.
- Tackled over 200+ challenges on competitive coding platforms such as Leetcode, Codeforces, and Codechef.

## POSITION OF RESPONSIBILITY

- Technical Team Member**, Ordinance – The Computer Science Society, Hansraj College.
- Certified Amazon Web Services Cloud Practitioner** at ICT Academy in collaboration with DUCC - Delhi University Computer Center.