

# CHIRAG GUPTA

+91-9027584932 ◇ Mathura, India

chiraggupta112211@gmail.com ◇ linkedin.com/in/chirag-gupta-10a2101b6/ ◇ github.com/hitchirag

## EDUCATION

---

**Bachelor in Electronics & Communication Engineering**, 2018 - 2022

**Institute of Engineering and Technology, Lucknow** CGPA : 8.57

## SKILLS

---

**Technical Skills:** JAVA, SpringBoot, Spring JPA, Hibernate, JavaScript, Spring Security, Java Server Pages, C++, ReactJs. Data Structures and Algorithms, Git, GitHub, Gitlab, NodeJs, PostgreSQL, apache, JQuery, HTML, CSS. Operating System, Networks, DBMS, ExpressJS, MySQL.

**Tools:** VS Code Editor, Eclipse, Spring Tool Suite, Postman, PostgreSQL, Informatica Cloud.

**Soft Skills:** Teamwork, Team Management, Adaptable, Documentation, Willingness to learn.

## WORK EXPERIENCE

---

**Software Engineer - Yamaha Motor Solutions India Pvt. Ltd.**

July, 2022 - Present

Gr. Noida, India

- As a Software Engineer at YMSLI, I created multiple web screens and APIs/microservices under Couriemate project .
- Optimized multiple APIs in Couriemate project which involves minimizing Dao layer calls and implementing efficient data structures to reduce overall response time.
- Implemented test automation tools for performance testing ensuring applications met performance expectations and identifying potential bottlenecks.
- Worked across the life cycle, from requirements analysis and design, through coding to testing, deployment and operations in VTS Project.
- Producing complex and critical software rapidly and of high quality which adds value to the business of the organization.
- **Skills Developed:** Java, PostgreSQL, Spring Boot, Postman, Spring JPA, JOOQ, Javascript, Hibernate .

**Software Engineer Intern - aspireIN**

January, 2022 - June, 2022

Kanpur, India

- Worked on website development, designed Front-end using ReactJS, and Back-end in Spring JPA.
- Researched various suitable options for fabricated search engine marketing modules to increase website reach.
- Created a user-module portal to be hosted on Localhost and worked on vectorized questionnaire development.
- Analyzing filled survey data to mine meaningful insights by using MySQL for database extraction and analyzing patterns.

## PROJECTS

---

- **Yamaha Banking Application:** Develop **Screens** and **API's** for banking application also implement session, cookies and spring security so that users can login to their respective dashboard. Login system is divided into 2 roles i.e. Admin role and Customer role (Admin have different functionalities and customer have different). Account holders can check their balance , deposit money , withdraw money and transfer money and Admin can delete , update , create a user account.
- **Parameterized complexity of simultaneous F-deletion Problems:** F-Deletion problem check if it is possible to delete at most k vertices from Graph and to make graph belong to the family of graphs F. Designed problem for Simultaneous Vertex cover and Simultaneous VC-FVS. Designed an FPT algorithm and a kernel for both problems and extended Sim VC-FVS problem to an advanced version in which the number of input graphs can be more than 2 and also we can perform VC in any variable number of graphs.

## PARTICIPATION AND HONORS

---

- **Codathon:** Participated in **Inter AKTU Coding Competition 2021**, securing **148th** place out of **5700+** participants, showcasing exceptional **coding skills and determination**.
- **Hackerearth :** Ranked **86th** globally out of **5000+** participants in the **March Circuit Challenge 2022**, showcasing exceptional coding skills and achieving a position in the **top 100**.