

Hritik Chaudhary

Software Engineer

+91 8130380404 | hritikshiwach7@gmail.com | in hritikchaudhary | hritikchaudhary

WORK EXPERIENCE

NCR CORPORATION

SOFTWARE ENGINEER

Aug 2021 - Present, Mumbai, India

- **Implemented tenant aggregation support**, a critical enhancement to the application's capabilities. Collaborated extensively for over 6 months with cross-functional teams and demonstrated in-depth knowledge of the system architecture.
- **Developed and executed 500+ smoke tests**, reducing manual testing time. Created a CI/CD pipelines, **reducing deployment time by 80%**.
- **Migrated Hibernate and Spring Framework**, resulting in 25% system performance improvement and **50% reduction in security vulnerabilities**. Updated 5k+ lines of code and coordinated with multiple teams for seamless transition.
- **Resolved several critical production issues** within limited time, minimising downtime and avoiding potential revenue loss.

NCR CORPORATION

SOFTWARE INTERN

Feb 2021 - Aug 2021, Mumbai, India

- **Resolved critical security vulnerabilities** promptly and effectively, ensuring system safety reducing vulnerable library count to below 10 from over 200.
- **Developed Internationalisation feature** with support for language layering, expanding support to additional 7 languages.
- Migrated JQuery, Angular, and over 20 other libraries to latest version, **improving performance and codebase stability**.

DEFENCE RESEARCH & DEVELOPMENT ORGANISATION

SUMMER INTERN

May 2020 - July 2020 | Ministry of Defence | Delhi, India

- Conducted in-depth **penetration testing** with ApkTool, Burp Suite, and Wireshark to **identify security vulnerabilities** for the 2020 audit.
- Demonstrated reverse engineering skills by exploiting security flaws and adding backdoors to 5 Android apps with Metasploit.

EDUCATION

B.TECH IN COMPUTER SCIENCE & ENGINEERING

AMITY UNIVERSITY

June 2021

SKILLS

- Java • Spring • Hibernate • JPA • SSO/SAML/OAuth • SQLServer
- Postgres • Jenkins • Angular • Microservices • Typescript/C++/Python
- Docker • Kubernetes • Azure/GCP

TECHNICAL PROJECTS

BRELLO 2023

- Organise tasks and projects into customisable boards and lists.
- Assign tasks to team members and set deadlines.
- Move cards between lists and boards to track progress and prioritise tasks.

AI CALLING PLATFORM 2021

- Calling platform summarises the conversation done on the call.
- Generate an excel of name, date, phone number, email id and address mentioned in the call.
- Technology used: python, nltk, BeautifulSoup, spacy

ACHIEVEMENTS

- **Cheers Award for Innovation** Won innovation award for creative problem-solving during successful Hibernate migration in 2023.
- **Received recognition and cash prizes** for innovation showcased at an internal company hackathon, advancing to round 2 of the patent consideration process, and delivering outstanding conference talks, **with special commendation from the CEO**.
- **Cisco Ideathon**: Advanced to round 3 of Cisco's Ideathon, showcasing innovative problem-solving skills and potential to drive impactful solutions.

CO-CURRICULAR ACTIVITIES

- Accumulated over 70,000 views on technical articles published on Medium.
- Led the official fashion club of Amity University Rajasthan, GlamAura, as Head for 2 years, driving its success and growth.
- Served as Department Sports Coordinator and led the Department's March past team in Sangathan, a prestigious sports event of the University, securing 2nd place.
- Excelled in numerous athletic events, securing 1st place in Shotput and contributed to the gold-winning Basketball team in Sangathan, showcasing strong teamwork and athletic prowess.