ABHISHEK PRATAP SINGH
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SKILLS

- **Technical Skills:** Java, Python, C, Docker, Kubernetes, Shell/Bash, Batch, Unix/Linux (Ubuntu), Windows, Git, Bit Bucket, DSA, OOPS, Multithreading, Rest API, GDB
- **Databases:** PL/SQL, Oracle 9i, MongoDB
- **Frameworks:** Spring, Django
- **Soft Skills:** Problem structuring, Program Management, Strategy, Design Thinking, Communication, Logical reasoning, Critical thinking
- **Communication Languages:** English(Working Proficiency), Hindi(Native).

PROFESSIONAL EXPERIENCE

Software Engineer, XORIANT SOLUTIONS PVT. LTD.   **(Mar' 22 – Present)**
- Increased the efficiency of the job by optimizing the code up to 20%.
- Implemented logger for the jobs, making it easier to troubleshoot problems and identify performance bottlenecks.
- Developed 5+ jobs to adjust the inflation of telecom price plans for various customer segments, increasing production team efficiency by 30%
- Successfully replaced WebFocus with open-source Python using an in-house converter solution written with Lex/Yacc parser.
- Won 2nd place in Amdocs' Innovation Competition Weinnovation.

Software Developer, Amdocs Development Center India LLP   **(May'21 – Nov'21)**
- Implemented a data layer buffer overflow fix by increasing the buffer size by 1%, resulting in a 10% increase in buffer usage.
- Developed and implemented process layer, data layer, and GDD for several enhancements, resulting in improved performance, scalability, and reliability.

Software Engineer, Cavisson Systems Inc.   **(Mar'19 – May'21)**
- Worked with product managers and engineers to gather and analyze requirements for NetHavoc, a chaos engineering tool
- Developed and implemented 10+ enhancements to the product, resulting in improved performance, usability, and security.
- Formulated and implemented unit, integration, and system tests for NetHavoc, ensuring the quality and reliability of the software.
- Followed thought leaders in chaos engineering on social media, such as Netflix Chaos Monkey, Gremlin and Chaos Engineering.

Trainee, National Informatics Centre, Govt. Of India   **(Jun'18 – Jul'18)**
- Led the creation of an Online Cafeteria Management System, enabling students to order meals via an Android app.
- Worked collaboratively in cross-functional teams, contributing to project success.
- Designed and integrated databases, and implemented user authentication.

EDUCATION

- **Dr. APJ Abdul Kalam Technical University**   **(Jul'15 - Aug'19)**
  B. Tech in Computer Science and Engineering (93%ile in a university comprising of 400,000+ students)
  - *Digital Logic Design (Top 1%ile of the class)*
  - *Computer-Based Numerical and Statistical Techniques (Top 5%ile of the class)*
- **ST. FRANCIS INTER COLLEGE**   **(Apr'13 - Jun'14)**
  Senior Secondary School (Physics, Chemistry, and Mathematics)

CERTIFICATES

- ***Semi-finalist*** in ***TechGig Code Gladiators 2021,*** *a competitive programming event organized by **Cognizant.***
- *Achieved the **second position** at the **District Level** of the **International Mathematics Olympiad.***