ABHISHEK PRATAP SINGH

SOFTWARE DEVELOPER

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📍 GURGAON | INDIA

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Profile

- 4+ years of experience in software engineering
- Strong skills in programming languages: C/C++, Java
- Proficient in scripting languages: Shell, Python
- Experienced in operating systems: Linux and Windows
- Knowledge of containerization: Docker and Kubernetes
- Expert in chaos engineering
- Proven track record in delivering high-quality software solutions in billing and order management

Trainings

National Informatics Centre
Govt of India
2018/06 – 2018/07 | Delhi, India
The Online Cafeteria Management System is an online System in which Students can book their meals from the Android application, and Admin can create and edit the food Menu.

Technical Skills

PROGRAMMING LANGUAGE
C, C++,Python, Java

DATABASES
PL/SQL, Oracle 9i

CONTAINERIZATION
Docker, Kubernetes

SCRIPTING LANGUAGE
Shell/Bash, Batch

OPERATING SYSTEMS
Unix/Linux (Ubuntu), Windows

CODE MANAGEMENT SYSTEM
Git, Bit Bucket

OTHERS
DSA,Oops, Multithreading, Spring, Hibernate

Professional Experience

2022/03 – present
Gurgaon, India

Software Engineer
Xoriant Solutions Pvt. Ltd.
Project: RPI AMC Automation and Exclusion
Skills: C/C++, Python, Java, Oracle 9i, Pl-SQL, Docker & Kubernetes, Shell Scripting
Description:
- Increased the speed and efficiency of the job by optimizing the code
- Added more detailed logging to the job, which made it easier to troubleshoot problems and identify performance bottlenecks.
- Identified the root cause of the inflation and developed a solution to fix the problem.

Project: xFocus
Skills: C/C++, Python, Java, Shell Script, Linux, Windows, Docker & Kubernetes, AWS
Description:
- Successfully replaced WebFocus with open-source Python using an in-house converter solution written with Lex/Yacc parser.
- Led the POC to replace Webfocus with PowerBI and was the 2nd Runner up in Weinnovation.
- Challenged the requirements and identified Python as the best technology for report generation.

- Developed a converter to automatically convert WebFocus code to Python, which drastically reduced the cost of migration.
- The xFocus program has been approved as a project in Amdocs level and is currently in the implementation stage.
- Over 4,000 reports across 20 accounts are targeted for conversion

2021/05 – 2021/11 Gurgaon, India	**Software Developer** *Amdocs Development Center India LLP* **Product:** Ensemble **Skills:** C/C++, Python,Java, Shell Script, Linux, Docker & Kubernetes **Description:**

- Engaged in development, debugging, and troubleshooting of the application throughout its life cycle
- Understood the business requirements through the high-level design

2019/03 – 2021/05 Noida, India	**Software Engineer** *Cavisson Systems Inc.* **Product:** NetHavoc **Skills:** C/C++, Python, Java, Shell Script, Batch Script, Linux, Windows, Docker & Kubernetes, AWS **Description:**

- Worked with product managers and engineers to gather and analyze requirements for NetHavoc, a chaos engineering tool
- Designed and developed software solutions using Java, Python, and C++
- Wrote unit, integration, and system tests for NetHavoc
- Deployed NetHavoc to production environments
- Worked with customers to troubleshoot and resolve issues with NetHavoc
- Stayed up to date on the latest trends in chaos engineering and software development

Education

2015/08 – 2019/06 Ghaziabad, India	**B.TECH.** *INDERPRASTHA ENGINEERING COLLEGE* 73.60%	Computer Science & Engineering
2013/05 – 2014/06 Hathras, India	**INTERMEDIATE** *ST. FRANCIS INTER COLLEGE* 64.60%	Science Stream

Certificates

Semi-Finalist
Tech Gig Code Gladiators 2021 - Organized by Cognizant

Certificate of Appreciation
Online Cafeteria, NIC, India