

# 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: 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

During my training, I had the opportunity to work on the development of the Online Cafeteria Management System. This project involved creating an Android application that allowed students to easily book their meals online, while granting administrators the ability to effortlessly create and edit the food menu.

### Professional Experience

2022/03 – present  
Gurgaon, India

#### Software Engineer

Xoriant Solutions Pvt. Ltd.

**Project:** RPI AMC Automation and Exclusion

**Skills:** Java, Python, 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:** Java, Python, 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 Weinovation.

### Technical Skills

#### PROGRAMMING LANGUAGE

Java, Python

#### 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

- 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:** Java, Python, 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:** Java, Python, 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
- 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**

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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**

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#### **Semi-Finalist**

Tech Gig Code Gladiators 2021 - Organized by  
Cognizant

#### **Certificate of Appreciation**

Online Cafeteria, NIC, India