

# ABHISHEK PRATAP SINGH

## SOFTWARE DEVELOPER

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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

### 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)  
**FRAMEWORKS** (Spring, Hibernate)  
**OTHERS** (Dsa, Oops, Multithreading, Rest Api)

### PROFESSIONAL EXPERIENCE

**Software Engineer**, *Xoriant Solutions Pvt. Ltd.*

March 2022 – present | Gurgaon, India

**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 Weinnoation.
- 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

**Software Developer**, *Amdocs Development Center India LLP*

May 2021 – November 2021

Gurgaon, India

**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

**Software Engineer**, *Cavisson Systems Inc.*

March 2019 – May 2021 | Noida, India

**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

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## EDUCATION

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**B.TECH.**, *INDERPRASTHA ENGINEERING COLLEGE*

August 2015 – June 2019 | Ghaziabad, India

73.60% | Computer Science & Engineering

**INTERMEDIATE**, *ST. FRANCIS INTER COLLEGE*

May 2013 – June 2014 | Hathras, India

64.60% | Science Stream

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## TRAININGS

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**National Informatics Centre**, *Govt of India*

June 2018 – July 2018 | 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.

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## CERTIFICATES

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**Semi-Finalist**

*Tech Gig Code Gladiators 2021 - Organized by Cognizant*

**Certificate of Appreciation**

*Online Cafeteria, NIC, India*