Raj Pastagiya

Software Developer

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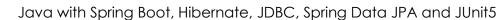
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Forward-thinking Software Engineer with a background working productively in dynamic environments. Fluent in Java and Spring Boot to develop web-based enterprise-level software and a Cyber Security enthusiast with over 2 years of industrial and almost 3 years of hands-on practice in both Software Engineering and Cyber Security domain.

Skills

- Algorithm implementation
- Web & System Security
- Java with Spring Boot, Hibernate, JDBC, Spring Data JPA and JUnit5
- Python, C, Bash Scripting & SQL (Intermediate Level)
- Linux & Windows System Engineering

Work Experience

Jan 2021 - Current

Cognam Pvt. Ltd., Delhi

Software Engineer (6 Months Internship + FTE)

- Worked with software development and testing team members to design and develop robust solutions to meet client requirements for functionality, scalability and performance.
- Delivered unit-tested systems with required characteristics and within customer-prescribed timeframes.
- Worked with client code for new features, improvements, bugs and weaknesses using approved agile methods.

Aug 2022 - Nov 2022

Security Lab Creation for VLabs

CS - 777: R&D – 1 under Prof. Kameshwari

- **Tools & Technologies:** Docker, PHP, Bash, Security tools from Kali Linux and Ubuntu Linux
- In-depth research in different tools used as part of attack and defense stand point.
- Created labs simulating different kinds of attacks such as SQL injection, Authentication Bypass, Command Injection, and simulating of different kinds of tools like Metasploit Framework, Sqlmap, Nmap, etc. for attack and Iptables, OSSEC for defense.

Nov 2019 -
Jan 2020

Low Level Honeypot Intrusion Detection System

Lead Backend Developer (Project)

- **Tools & Technologies:** Java-8, Swing AWT framework - Java-8, IntelliJ IDEA IDE.
- "Honeypot" technology-based Intrusion Detection System with graphical interface made in Swing and AWT framework
  acts like a decoy for external penetrators and stores their information for further analysis.

Education

Apr 2015 -
Mar 2017

Intermediate / Class-XII

Sanskar Bharti Vidyalaya - Surat, Gujarat
PERCENTAGE: 93.40

Aug 2017 -
Jun 2021

B. Tech: Computer Science And Engineering

Indian Institute of Information Technology - Vadodara
CGPA: 8.50 / 10.00

Accomplishments

- Successfully lead a sponsorship team for Annual Cultural fest, Kreiva (2018), that gathered sponsorship worth Rs.10,000
- Successfully lead the team to win college's CS: GO League.
- Mentored new employees to bring them up to speed on projects, resulting in quicker overall completion milestones.

Certifications

Aug 2021   CEHv10 (Certified Ethical Hacker) Certified

Oct 2021   Post Graduate Program in Cybersecurity in affiliation with NIT Rourkela [Link to Gradesheet]

Oct 2020   Ethical Hacking Program by Internshala

Jul 2021   Information and Cyber Security by AICTE

Jan 2021   Cyber Security Technologies (Level-2) by 3SR Consultancy