

Sai Nikhil Y



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Summary

- 2+ years professional experience as software engineer in software designing, software infrastructure, automation & DevOps.
- Hands on experience in resolving OWASP Dependency Vulnerabilities & exploitable security vulnerabilities in source code of web applications using Fortify Static code analyzer (SAST) .
- Hands on experience in upgrading the web applications to latest frameworks like open source software such as AdoptOpenJDK.
- Hands on experience in Automation & DevOps using Chef.io.
- Good Knowledge in Data Structures & Object Oriented Programming.

Experience



Software Engineer

Cerner Corporation

Jul 2018 - Present (2 years 3 months +)

- Resolved OWASP Dependency Vulnerabilities & exploitable security vulnerabilities in source code of web applications using Fortify Static code analyzer (SAST).
- Helped in creating a Web Application which shows Process IT Metrics required by the project manager in the form of a Dashboard.
- Configured and Automated the installation of Third Party Software Using Chef.
- Part of the team that migrated Business Intelligence solutions from Oracle Java to Open Source JAVA with limited impact and code changes.
- Part of the team that upgraded third-party software of different Business Intelligence solutions.
- Presented about Intelligent Data Filler Tool in DevCon India 2019 (Cerner Annual Developer Conference) and received Night of the Town (NOTT) award.



Seasonal Intern

Cerner Corporation

Jan 2018 - Jul 2018 (7 months)

- Created a Web Application to insert required number of dummy data into the database as per the selected algorithm by the user using JAVA(backend) ,Bootstrap(Front-end), javascript.
- The tool was able to update the required data with writing Insert Queries every time and delete the data that was created with using Delete Queries.



Intern

IMImobile

May 2017 - Jul 2017 (3 months)

- Created various Dashboards in Tableau by using the various data analytics options provided within it such as graphs, KPI's.
- Automated alerts using python where python was used to send E-Mails whenever required conditions are not satisfied.

- Worked on collecting the open source Datasets that are available that can be used in future to solve a particular problem.

Education



Manipal Institute of Technology

Bachelor of Technology, Computer and Communication

2014 - 2018

- Excelled in subjects like Operating Systems, Cryptography, Algorithms, Data Structures and Object Oriented Programming.
- Projects related to Database, Android Mobile Application Development, Embedded Systems was done during the course time.
- Minor Specialization in Data Analytics with other electives as IoT & Pattern Recognition
- Open Electives in Interpretation of Literary Texts & Introduction to Indian Ethics & Epics

Licenses & Certifications



Verified International Academic Qualifications - World Education Services



Enterprise Design Thinking Practitioner - IBM



Productivity Tips: Finding Your Productive Mindset - LinkedIn

Skills

Java • SQL • Agile Methodologies • SQL Server Management Studio • JIRA • git • Apollo GraphQL • Node.js • Chef.io • GitHub

Honors & Awards



Night on the Town - CERNER HEALTHCARE SOLUTIONS PRIVATE LIMITED

Apr 2019

Scenario:

- Learning new technologies, contributing to releases and mentoring new joins to the team.

Challenges:

- He is new to JAVA, Chef tool and HI domain
- Release commitments

Achievements:

- Nikhil automated the MongoDB setup from HIUI install guide using Chef. This includes the process to install or upgrade MongoDB from 3.4.4 to 3.6.9 and also the initial setup of MongoDB which is part of HIUI installation. This automation will help installation team to upgrade MongoDB quickly without errors.
- He also helped many team members in Chef and security area, mentored new joins.
- He learned various skills like JAVA, Security, Chef, SQL quickly and started working on stories.