UJJWAL KUMAR PANDEY

Phone# (+91) 9178082290 Email: emailujjwal@gmail.com

Seeking opportunity in software development with an objective to be proficient in tasks which involve analytical capabilities and professional growth.

ABOUT ME

- **Software Engineer** with **6** years of experience in software development.
- Currently working with **GE Healthcare**, Bangalore.
- Working on product development of **Cyber Security Platform.**
- Proficient in developing web application using **JAVA/J2EE** technologies.
- Have experience on **OOPS concepts** and Design Patterns.
- Sound understanding of **Data Structures** and Algorithm.
- Experience in end-to-end development of software product, from requirement analysis to architecture **designing**, **coding**, testing, **code deployment**, debugging and documentation.
- Possess good communication and interpersonal skills.

TECHNICAL SKILLS

Java Technologies	• Core & Advanced Java, J2EE - *Proficient* • Spring - *Proficient* • Spring Boot – *Intermediate*
Web Technologies	• JavaScript, jQuery - *Prior Experience* • CSS, HTML - *Proficient* • Angular 8 - *Proficient*
Database	• PostgreSQL - *Proficient*
Languages	• Java - *Expert* • Python - *Intermediate* • Shell scripting - *Intermediate*
Web Server	• Tomcat
Operating System	• Windows • Linux

PROFESSIONAL EXPERIENCE

GE HEALTHCARE : MICT COMMON CYBER CONTENT

MICT Common Cyber Content(MC3) is a cyber security solution which provides common security content across different CT product of GE Healthcare. It secures the CT products and protects it from cyber threats.

RESPONSIBILITIES (*October 2018 – Present*)**:**

- Design and development of **Authentication and Authorization subsystem** : A subsystem for authentication using oauth2, and authorization using Attribute Based Access Control.

- Development of Compliance Checker : An automated tool developed in python, to find out the security posture of a system. It reports how compliant a system is against different global security standards like DoD, NIST, NEMA, etc.
- Design and development Security Center : A **web application** developed using spring boot and angular 8, this is a single pane of glass for any security related application and configuration in CT products.
- Implementation of disk encryption using **LUKS and TPM 2.0**.
- Implementation of security requirements for database application and operating system.
- Design and development of **auditing and monitoring** feature in CT systems.

INFOSYS : INFOSYS INFRASTRUCTURE MANAGEMNENT SOLUTION SUITE

Infosys Infrastructure Management Solution Suite is a first-of-its-kind solution that helps clients to rapidly create, adopt, and govern hybrid IT infrastructure and services across their ecosystem. It is offered as an Infosys product to deliver operational excellence for enterprises looking to leverage the hybrid IT ecosystem.

RESPONSIBILITIES (*Ocrober 2014 – October 2018*)**:**

- Development of login module of the product. This includes implementation of **oAuth** specifications on server side using Java and front end implementation using **Angular**.
- Design of **API framework** of the product - includes exposing REST API using spring framework, development of **JSON validator** following JSON schema v4 draft and creating database design.
- Development of self-patching module for Windows update using WSUS for the product, which includes **object model design**, deciding appropriate **design pattern** at different layers and designing database models. Automation of the patching process using PowerShell scripts and Chef configuration management tool.
- Integration of vRealize, vCenter, Oracle Cloud and OpenStack with the product, to perform automated tasks on the underlying infrastructure. This includes understanding of API documents, creating **UML diagrams,** object data models and deciding extensible design.
- Integration of different AWS services like EC2, ELB and RDS amongst others. This includes designing of UI screens using JSP, **JavaScript, jQuery**. Consuming Amazon Web Services, writing business logic.

EDUCATION

GANDHI INSTITUTE OF EDUCATION AND TECHNOLOGY, BPUT, Odisha
Bachelor of Technology, 2014

TAGORE ACADEMY, JAMSHEDPUR, Jharkhand
10+2 from ISCE

TAGORE ACADEMY, JAMSHEDPUR, Jharkhand
10th from ICSE

AWARDS AND RECOGNITIOS

- Received Impact award twice in 2019 and once in 2020.
- Received unit level award - **Most Valuable Player**
- Received **Spot Award** in first year with Infosys.

PERSONAL DETAILS

Name	: Ujjwal Kumar Pandey
Present Address	: Electronic City, Bangalore
Date of Birth	: 4th January 1991
Gender	: Male