Experience In Boeing:

Created a CI pipeline in azure and integrated Coverity scans in pipeline.

Kraken

PS innovation

**Projects:**

Innovation Submission Platform for Boeing Employees:

The platform streamlines the process from idea generation to Quality Invention Disclosure (QID) approval, fostering a culture of innovation within the organization.

**Key Responsibilities:**

* Led the end-to-end backend development lifecycle of the platform, from conception to deployment.
* Design the DB schema with proper cardinality and indexing.
* Implemented the RESTful APIs as well as API and method level security using JWT.
* Implemented the CI/CD pipeline in TFS azure and deployed in Cloud Foundary.

**Impact**

* Reduced the turnaround time for idea evaluation and approval from 4 months to just 3 weeks, leading to a significant increase in patent and disclosures.
* **Technologies Used:**
* Spring Boot
* Java
* REST API
* JWT (JSON Web Tokens)
* MySQL
* Pivotal Cloud Foundary

TANZU cloud provided by VMware . We have created an application PSinnovation (30GB)and created different dev space ,test space . Inside these space we have different application Like PSInnovationVenue\_MySQL, and psinnovations-api-dev

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We login to the cloud foundary using cfcli command and connect to our space cf login -a https://api.system.taspre-phx.cloud.boeing.com –sso and then do cf push to push our manifest file. And it will deploy the instance to the application.

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TALK TO HIM ABOUT CI/CD in angular

Experiences:

* Containerized the web application using Docker which in turn saved developers onboarding time in local setup and dependency integration.
* Designed and developed the innovation idea and IP submission platform. Designed the Rest API contract, database schema along with indexing in tables and manage transaction isolations.
* Developed a critical component of the aircraft configuration report utilized by the Federal Aviation Agency in US to validate the assembly of aircraft parts. Crafted complex relational queries ensuring data integrity for accurate certification. Additionally, furnished PDV and CSV views of the report for comprehensive accessibility.
* Spearheaded the organization initiative to Implement Lean practices through adoption of DevSecOps best practices and improved maturity coverage. In 2023, saved about 900 hrs from CI/CD and Coverity pipeline automation.
* Designed a spreadsheet upload functionality using ……. Which helped aircraft engineers in adding bulk parts at once which in turns saves 50-100 minutes per engineer in a day during aircraft testing.

Software eng

* Created a separate CI pipeline for Coverity vulnerability scans. With the automated, scheduled and decoupled pipeline. Saved about 40% build and deployment time in develop and UAT env.
* Automated the Coverity vulnerability scans by creating the Coverity pipeline using docker image having the latest Coverity artifacts as well as Websphere 8.5 server. Configured jobs which runs schedule scans and publish result on Dev/Prod Streams.

Myntra experiences

Projects:

1. During stack route program build a single platform to host as well as book any ongoing events in your city. Design and developed the cloud native services and implemented the entire flow from upstream service till downstream service.