

Yash Ananta Zode

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SNAPSHOT

- 2 years 9 months of industry experience in development of Full Life Cycle Projects as Junior Engineer.
- Depth in supporting development of software products/projects from inception, requirement specifications, planning, designing, implementation, commissioning.
- Well versed in designing for technologies like Multithreading application, O.S. Platforms.
- An energetic, self-motivated individual with interest in programming and learn new things quickly.
- At Comau Hackathon for IOT based POC, received 1 awards for Best individual performance.

EMPLOYMENT SCAN

- Nov 2017 to June 2018 (7m) with INDEED INSPIRING INFOTECH, Pune as SOFTWARE INTERN.
- Nov 2019 to Aug 2020 (9m) with Comau India pvt. Ltd., Pune INTERNSHIP TRAINEE.
- Oct 2020 to Oct 2021 (1y) with Comau India pvt. Ltd., Pune ENGINEER TRAINEE.
- Oct 2021 to present (11m present) with Comau India pvt. Ltd., Pune JUNIOR ENGINEER.

CORE COMPETENCIES AND SKILLS

Technical

Operating Systems : Windows XP, Linux, Embedded Linux.
Development Tools : MS Visual Studio, Eclipse, CVS, Git, JIRA, Thingworx, IntelliJ.
Programming Languages: Java, python.
Technologies : RabbitMQ, MongoDB, MSSQL, Postgres, Microservices, Docker
Protocols : OPCUA, OPCDA.

Functional

- Interacting with the customer team for requirements gathering & scoping.
- Handling architecture and designing the solution for the product.
- Undertaking development, code review, debugging and troubleshooting the application.
- Resolving issues & defining best practices for project support and documentation.
- Commissioning and application sustenance support to the client.
- Managing team for process setup, Development, Task assignment and Release.

Key Projects Handled:

1. IOT Web platform for Plant Control and Monitor

Product : MES (Manufacturing Execution System)
Role : JUNIOR ENGINEER
Environment : Java springboot, Microservices, Docker swarm, Ubuntu Linux server.
Technologies : RabbitMQ, MongoDB, Postgres, OPCUA for PLC communication.

MES platform controls and monitor manufacturing assembly line. MES acquires performance and process data from PLCs to increase productivity, reduce maintenance cost, improve quality and enhance production of plant.

MES has microservice architecture in order to better accommodate different customer requests and ease customization and deployment. It communicates with field devices by means of software data collectors using a rabbitMQ. It saves all production data on database. It communicates with upper layer systems and UI by means of REST APIs.

Key Areas Worked:

- Customer interaction for requirement gathering
- Designing and development of microservices using JAVA springboot.
- Configuring 2U12 Ubuntu server for Docker swarm and deploying microservices.
- Commissioning at customer site for process analysis and fixing various issues
- POC work for new feature concepts

2. In.Grid Android Application

Product : Android In.Grid IOT platform
Role : INTERNSHIP TRAINEE
Environment : Java, Android Studio

Developed android application to display alarms that occurs during the production phase. This android platform connects to services of Thingworx in the same network.

In.Grid IOT platform connects machine and Robots in order to acquire performance and process data to increases productivity, reduces maintenance costs, improves quality and enhances production of plant. Thingworx tool is used for development of platform on windows system. Java script coding is required for services to access database.

ACADEMICS

- Completed 10th from ROSARY SCHOOL, PUNE, Scored 69%
- Completed 12th from NOWROSJEE WADIA COLLEGE, scored 56%
- Completed B.Tech in Computer Science, scored 8.78 / 10 (CGPA) and 9.73 / 10 (SGPA)

1. Card Payment Using Three Way Security

Product : Security Product
Role : Backend.
Environment : Java,Php,Mysql

To provide three way security to access to access bank account.Honey word generation algorithm OTP and Bio metric security are used in this system.

2. Examination Paper Setting Automation Management System

Product : Web Application
Role : Backend.
Environment : PHP,JavaScript

To avoid leakage and creating a unique paper ID of question papers and giving a secure portal to authorized faculty member to upload question on portal.

3. Cloud Based storage application for departmental E-data.

Product : Software as a service
Role : Backend.
Environment : OwnCloud

Created Intra-Net Network to store Department E-Data into Cloud.

4. Enhance Life of a Person with Disability

Product : Windows application
Role : Backend.
Environment : c++

Created a portal to translate and convert image into voice message for Person with Disability.

PERSONAL DETAILS

Date of Birth : 2nd Jan 1998
Languages : English, Hindi, Marathi.
Permanent Address : Rohan Abhilasha, E1 1005, Lohegoan- Wagholi, Pune-412207.