

Curriculum vitae (CV)

Sanchay Joshi

Education Details

Thapar Institute of Engineering and Technology : *June 2019 to June 2023*

- Degree : B.E. Computer Science and Engineering
- CGPA : 8.91
- Campus : Patiala
- Capstone Project : Built a proof-of-concept to simplify KYC using blockchain, enabling secure data sharing and reducing repeated checks by businesses by leveraging blockchain and decentralized storage technologies

Hansraj Model School

12th : *May 2019*

- Percentage : 91.4%
- Board : CBSE
- Stream : Science (PCM)

10th : *May 2017*

- CGPA : 10
- Board : CBSE

Work Experience

Oracle (Associate Software Developer) : *From August 2023*

- Contributed in development of **ECP (Enterprise Communication Platform)** , a new cloud-based IoT (Internet of Things) communication platform supporting cellular and satellite connectivity for business applications.
- Added and modified **5+ data visualization** charts and dashboards that quantify customer's usage data to respective admins by periodically synchronizing data from user services to admin services in collaboration with UI team.
- Supported onboarding of new joiners and interns by documenting key processes and providing technical guidance; **mentored two team members** as a project and technical point of contact.
- Engineered **billing report generation** of SMS, Voice and Cellular Data usage for Mobile Network Operators (MNO), providing granular information about usage at account and business unit level.
- Triageed and **escalated important issues** regarding customer deboarding procedure to relevant stakeholders from development and devops teams.
- **Conducted Root Cause Analysis (RCA) of bugs at 4+ deployment levels** and engaging with SaaSops teams for resolution by using techniques such as log analysis on Kibana dashboard and performing heapdump analysis on memory dumps obtained from live running application.
- Collaborated remotely with **three development teams across the US and India**, contributing to the codebases of **4+ application services** and implementing various code improvements and integrations.

Oracle (Project Intern) : *January 2023 to July 2023*

- Contributed in development of ECP (Enterprise Communication Platform) , a new cloud-based IoT (Internet of Things) communication platform supporting cellular and satellite connectivity for business applications.
- **Researched and documented** the REST API generation process using OpenAPI for 5+ services; **authored API guides for 2 services** and presented the workflow to stakeholders in collaboration with the documentation team.
- Assisted in **writing internal documentation for 5 new ECP hires**, validating and documenting development environment setup steps provided by senior developer

VirtualPixel (ForeExcel) : *April 2020 to October 2020*

- Interned as a Gameplay Developer at a **budding startup of 5 people** specializing in Architectural Visualization and Game Development, focusing on **personalized architectural visualizations and educational video games**.
- Utilized **Unreal Engine 4** for design and development, **creating and implementing 5+ gameplay mechanics**. Assessed their feasibility through prototype creation.

Skills

- **Programming Languages** : Java, Python, Bash, Typescript, Javascript
- **Tools** : Postman, Git, Kibana, Docker
- **Frameworks** :
 - **Frontend** : React
 - **Backend** : Helidon / Quarkus
- **Database** : Oracle Database (SQL and PL/SQL)
- **Project Managment And Knowledge Base** : Jira, Confluence

Professional Certificates

- **Aha! Product Management Professional Certificate by LinkedIn learning** : Endorsed by Aha! , this certification is obtained by giving a 50 Questions timed MCQ test and by completing the following sub-courses
 - Product Management First Steps
 - Technical Product Management
 - Product Management: Building a Product Roadmap
 - Product Management: Building a Product Strategy
 - Product Management: Customer Development
- [Oracle Cloud Infrastructure 2023 Foundations Associate](#)
 - Issued : January 2024
 - Expires : January 2026

Achievements, Volunteering and Others

- **Resume reviews and guidance** : Voluntarily assisted LinkedIn connections and fresh graduates who reached out for guidance, reviewing resumes, sharing interview experiences, and offering placement advice as a way of giving back to the community.
- **Oracle SPOT Award** : Received recognition as a new hire from Software Engineering Director and Vice President of the project and 100 USD award for quickly adapting and delivering features on codebase that contained complex functionality
- **Oracle Environment Focus Month (19 March 2025)** : Volunteered with the “Way For Life” organization to help create Eco-friendly pens for government schools by crafting sturdy, low-cost pen bodies from newspaper and glue, reducing plastic use by enclosing basic pen refills.