

+91-7887523634



# JAY KHANDAGALE

[khandagalejay962001@gmail.com](mailto:khandagalejay962001@gmail.com)



FUNCTIONAL CONSULTANT

Nigdi, Pune, 411044



[linkedin.com/in/jaykhandagale](https://www.linkedin.com/in/jaykhandagale)



## SUMMARY

Highly motivated and skilled CAD Designer and AR/VR & IoT Consultant with 1.6 years of experience in creating immersive user experiences through cutting-edge AR/VR applications. Proficient in Creo, CATIA, Vuforia Studio, Unity, ThingWorx, JavaScript, C#, and 3D modeling software. Proven ability to leverage IoT technologies to enhance AR applications, resulting in smart and interconnected experiences. Seeking opportunities to contribute expertise and creativity to dynamic CAD design.

## EDUCATION

**Dr. D Y Patil School Engineering & Technology,**  
**Pune**

B.E IN **AUTOMOBILE ENGINEERING** | CGPA : 9.4  
2018 – 2022

## SKILLS

- Creo
- Catia
- Creo Illustrate
- AutoCad
- MathCad
- ThingWorx
- Kepware
- JavaScript
- C#
- Vuforia Studio
- Unity

## PROJECTS

- AR Visualization for Vehicle Design: Developed AR tool for intuitive vehicle design reviews.
- AR Wire Harness Fitting Guide: Created AR guide for Tata Signa Truck, reducing fitting time by 30%.
- AR Benchmarking for Vehicle Innovation: Led comparative analysis using AR for vehicle innovation.
- AR Experiences at Tata Steel: Implemented AR for optimized assembly processes at Tata Steel.
- AR Inspection and Reporting System using ThingWorx: Developed AR system for real-time data collection and streamlined workflow.
- Proof of Concept (PoC) for Tata Motors: Successfully conducted a Proof of Concept (PoC) on Mathacd for Tata Motors, demonstrating the feasibility and benefits of AR technology in enhancing operational processes.

## PROFESSIONAL EXPERIENCE

### FUNCTIONAL CONSULTANT : PTC PRODUCT

Tata Technologies | Aug 2023 - Present

### GET- AR/VR & IOT APPLICATIONS

Tata Technologies | Aug 2022 - Aug 2023

#### Work Experience:

- Designed and developed 5+ cutting-edge AR/VR applications (mobile & desktop) that increased user engagement by 20%.
- Utilized 3D modeling software (e.g., **Creo**, **CATIA**) and animation tools (e.g., **Creo Illustrate**) to create immersive user experiences.
- Modified CAD data and created assembly sequences in Creo Illustrate for AR development.
- Collaborated with cross-functional teams to design and develop immersive AR experiences using Vuforia Studio and Unity.
- Successfully integrated ThingWorx to connect AR applications with real-world sensor data, enabling smart and interconnected systems.
- Provided expert advice to clients on hardware and software selection, ensuring optimal performance and compatibility for their AR/VR and IoT needs.
- Actively contributed to the company's innovation initiatives by exploring emerging AR/VR & IoT technologies and proposing innovative ideas for product development.
- Solved various **Creo-related tickets**, providing solutions and support to enhance CAD design efficiency.

## TRAINING & ACHIEVEMENTS

- Successfully delivered **Creo training** to Tata Steel, enhancing their team's proficiency in CAD design.