ROSHAN KHARODE

📞 7719068128   @ roshankharode77@gmail.com   🔗 https://www.linkedin.com/in/roshan-kharode-a81996203/   📍 Pune
☆ Immediate joiner 0-45 Days

SUMMARY

Experienced **ECAD Librarian** with over 2+ years in symbol creation, footprint creation, PCB design, and library management. Proven track record in maintaining CAD libraries, adhering to IPC standards, a Proficient in ECAD tools such as Mentor Graphics. Eager to leverage strong technical skills, adaptability, and attention to detail to contribute to organizational success and drive impactful results.

EXPERIENCE

Associate II - Semiconductor Engineer
Capgemini   06/2022 - Present   Pune

- Experience in managing ECAD libraries workflow of part creation with Global Manufacturing part number (Ordercode), ensuring proper organization, version control, and accessibility.
- Creating IPC-compliant automotive-grade schematic symbols and PCB footprints (SMD/TH) components using Mentor Graphics Xpedition.
- Experience in creating housing assembly parts footprint.
- Utilize Windchill 12 for comprehensive product lifecycle management, including Bill of Materials (BOM) management, revision control, and integration with other engineering processes. Ensure accurate tracking of changes and effective collaboration across teams to support product development and maintain data integrity.
- Collaborate with cross-functional (hardware engineers) teams to understand technical requirements and ensure adherence to design and manufacturing standards.
- Presenting Created footprint in weekly review meetings with the Global Manufacturing Team (GMT).
- Verifying and assigning the 3D model for surface mount components according to the dimensions specified in the datasheet using Mentor Graphics' M3DL.
- Preventing duplication in library components and footprints, and reusing existing footprints for similar or familiar parts (Cost reduction).

PROJECTS

Online Food Delivery System
Food Delivery Web App: Built with Spring Boot (Core Java) for the backend, React JS for the frontend, and PostgreSQL for data storage. This app facilitates seamless communication between the frontend and backend.
Link : https://youtu.be/qf5S6MdcRj4?si=w5pw_vksEyYKcYr5

Smart Wi-Fi Video Doorbell using ESP32-CAM:
In this IoT project, I have made a DIY Smart WiFi door lock using ESP32-CAM and the Blynk App. In this ESP32CAM WiFi lock project, when someone presses the doorbell, you will get a notification on the mobile with a photo of that person. After checking the photo you can also unlock the door from your mobile phone.

LANGUAGES

Marathi   Native   ●●●●●   Hindi   Native   ●●●●●
English   Native   ●●●●●

KEY ACHIEVEMENTS

Gem Award (Capgemini): Recognized for exceptional contributions, innovative solutions, and outstanding performance in delivering high-impact results within the technology consulting industry. Demonstrated ability to drive successful outcomes and exceed expectations on key projects.

SKILLS

Windchill Version 12 Expertise •

Designing Symbol and Cell Footprints •

Understanding (DFM) Guideline • **EDM** •

Dx-Designer / Xpedition tool • **Mentor Graphics** •

Creo View • **Identify Electronic Parts** •

Reading Component Datasheet • **Microsoft Office** •

Linux • **Amazon Web Services** • **Maven** •

HTML 5 and CSS • **Core Java** • **Spring Boot (JPA)** •

Postman • **MySql** • **Multitasking** •

Library management

TRAINING

Intern at Capgemini as a Full Stack Java Developer - 3months (Feb2022-Apr20222)
- Gained hands-on experience in developing **web applications** using **Java technologies** with a focus on both **frontend** and **backend development**. Proficient in **Spring Boot**, **RESTful APIs**, and **database management**. Contributed to real-world projects by improving **user experience** and optimizing **application performance**. Demonstrated ability to collaborate with teams, apply **agile methodologies**, and deliver high-quality software solutions.

EDUCATION

Bachelor of Engineering, Electronics And Telecommunications (EXTC)
Yeshwantrao Chavan College of Engineering (YCCE)
06/2019 - 06/2022   Nagpur

Diploma, Electronics And Telecommunication
Government Polytechnic, Nagpur
06/2016 - 06/2019   Nagpur