# Internship Daily Work Log

Company: Tech Elecon Private Limited

Name: Soni Nisharg Chandreshkumar

Internship Duration: 26/05/2025 to 26/06/2025

Domain: React + DevOps

GitHub Repo: https://github.com/Nisharg-04/TechElecon

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| **Day** | **Date** | **Time of Arrival** | **Time of Departure** | **List of Activities Performed by Student** |
| 1 | 26/05/2025 | 9:00 AM | 4:00 PM | Watched 3 videos (JSX, components, props). Explored functional components & state hooks. Set up AWS EC2 and installed tools for deployment. |
| 2 | 27/05/2025 | 9:00 AM | 4:00 PM | Learned props drilling, built a mini project. Wrote first Dockerfile and tested image locally. |
| 3 | 28/05/2025 | 9:00 AM | 4:00 PM | Implemented Single and Multi Select Accordion components. Dockerized project with Dockerfile. |
| 4 | 29/05/2025 | 9:00 AM | 4:00 PM | Studied `useRef` & `useEffect`. Built Password Generator App with copy-to-clipboard. Created and tested Docker image. |
| 5 | 30/05/2025 | 9:00 AM | 4:00 PM | Built Background Color Changer project with state hooks. Wrote Dockerfile and pushed image to Docker Hub. |
| 6 | 31/05/2025 | 9:00 AM | 4:00 PM | Studied React Router, built mini multi-page app. Dockerized and tested final React router project. |
| 7 | 01/06/2025 | 9:00 AM | 4:00 PM | Final Deployment Task: Launched EC2 instance on AWS, Installed Docker and Docker Compose. Pulled Docker images from Docker Hub. Successfully deployed the Mini React Projects as running containers on EC2. |
| 8 | 02/06/2025 | 9:00 AM | 4:00 PM | Began learning Redux Toolkit basics: store configuration, slices, reducers, and dispatch. Followed a mini tutorial on managing global state with Redux Toolkit. |
| 9 | 03/06/2025 | 9:00 AM | 4:00 PM | Implemented a Cart Mini Project using Redux Toolkit to manage cart Learned how to connect React components with Redux using useSelector and useDispatch. Reviewed Docker Compose and learned how to define multi-container applications. Set up docker-compose.yml for multi-project deployment setup. |
| 10 | 04/06/2025 | 9:00 AM | 4:00 PM | Completed Cart Mini Project using Redux Toolkit to manage cart items, quantity. Dockerized Cart Mini Project. Tested it locally |