**Weekly Diary for Industrial Training**

**Week 1: From 02/06/2025 to 07/06/2025**

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| **Day** | **Activities carried out** | **Remark** | |
| **Industrial Supervisor** | **Mentor** |
| **1** | Orientation, Introduction to company, setup GitHub account. |  |  |
| **2** | Learned HTML page Structure  (Headings, paragraphs, links, etc). |  |  |
| **3** | Practiced lists, forms, and semantic tags. |  |  |
| **4** | Designed a simple registration form in HTML. |  |  |
| **5** | Combined multiple pages using links  (homepage + form). |  |  |
| **6** | Weelky review. |  |  |

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**Weekly Diary for Industrial Training**

**Week 2: From 09/06/2025 to 14/06/2025**

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| **Day** | **Activities carried out** | **Remark** | |
| **Industrial Supervisor** | **Mentor** |
| **1** | Introduction to Cascading Style Sheet (CSS)  Like selectors, colors, fonts. |  |  |
| **2** | Practiced box model and margin/padding. |  |  |
| **3** | Designed a responsive navbar using Flexbox. |  |  |
| **4** | Created a CSS Grid layout for dashboard. |  |  |
| **5** | Styled registration form with hover effects. |  |  |
| **6** | Submitted static portfolio page. |  |  |

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**Weekly Diary for Industrial Training**

**Week 3: From 16/06/2025 to 21/06/2025**

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| **Day** | **Activities carried out** | **Remark** | |
| **Industrial Supervisor** | **Mentor** |
| **1** | Learned variables, operators, data types in Javascript. |  |  |
| **2** | Conditional statements & loops practice. |  |  |
| **3** | Wrote functions for reusable code. |  |  |
| **4** | DOM manipulation – change text, styles dynamically. |  |  |
| **5** | Event handling – button clicks, form validation . |  |  |
| **6** | Mini project – calculator app. |  |  |

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**Weekly Diary for Industrial Training**

**Week 4: From 23/06/2025 to 28/06/2025**

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| **Day** | **Activities carried out** | **Remark** | |
| **Industrial Supervisor** | **Mentor** |
| **1** | Arrays and objects practice.. |  |  |
| **2** | ES6 features (arrow functions, template literals). |  |  |
| **3** | JSON basics and parsing. |  |  |
| **4** | Worked with localStorage for saving notes. |  |  |
| **5** | Built To-Do list app . |  |  |
| **6** | Remark: Revised with manager sir. |  |  |

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**Weekly Diary for Industrial Training**

**Week 5: From 30/06/2025 to 05/07/2025**

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| **Day** | **Activities carried out** | **Remark** | |
| **Industrial Supervisor** | **Mentor** |
| **1** | Introduction to React, created first component. |  |  |
| **2** | Used props to pass data. |  |  |
| **3** | Implemented useState for state handling.. |  |  |
| **4** | Built a React form component. |  |  |
| **5** | Developed a Counter app in React. |  |  |
| **6** | Remark: Discussed all work. |  |  |

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**Weekly Diary for Industrial Training**

**Week 6: From 07/07/2025 to 12/07/2025**

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| **Day** | **Activities carried out** | **Remark** | |
| **Industrial Supervisor** | **Mentor** |
| **1** | useEffect hook for API fetching. |  |  |
| **2** | Controlled components for forms. |  |  |
| **3** | React Router for navigation. |  |  |
| **4** | Built Weather App with external API. |  |  |
| **5** | Committed project to GitHub. |  |  |
| **6** | Remark: Weekly review. |  |  |

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**Weekly Diary for Industrial Training**

**Week 7: From 14/07/2025 to 19/07/2025**

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| **Day** | **Activities carried out** | **Remark** | |
| **Industrial Supervisor** | **Mentor** |
| **1** | Setup Next.js project. |  |  |
| **2** | Explored file-based routing. |  |  |
| **3** | Created blog UI with Next.js. |  |  |
| **4** | Used Tailwind CSS for styling. |  |  |
| **5** | Practiced static vs dynamic rendering . |  |  |
| **6** | Remark: Weekly review. |  |  |

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**Weekly Diary for Industrial Training**

**Week 8: From 21/07/2025 to 26/07/2025**

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| **Day** | **Activities carried out** | **Remark** | |
| **Industrial Supervisor** | **Mentor** |
| **1** | Setup Node.js environment. |  |  |
| **2** | Installed Express and created server. |  |  |
| **3** | Created basic routes (GET/POST) |  |  |
| **4** | Used middleware for logging requests. |  |  |
| **5** | Tested API with Postman. |  |  |
| **6** | Remark: Weekly supervisor review.. |  |  |

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**Weekly Diary for Industrial Training**

**Week 9: From 28/08/2025 to 02/08/2025**

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| **Day** | **Activities carried out** | **Remark** | |
| **Industrial Supervisor** | **Mentor** |
| **1** | Introduction to MongoDB . |  |  |
| **2** | Introduction to MongoDB. |  |  |
| **3** | Introduction to MongoDB. |  |  |
| **4** | Introduction to MongoDB. |  |  |
| **5** | Tested APIs and stored data in database . |  |  |
| **6** | Remark: Weekly review. |  |  |

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**Weekly Diary for Industrial Training**

**Week 10: From 04/08/2025 to 09/08/2025**

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| **Day** | **Activities carried out** | **Remark** | |
| **Industrial Supervisor** | **Mentor** |
| **1** | Learned authentication basics. |  |  |
| **2** | User registration with hashed password (bcrypt). |  |  |
| **3** | Implemented login functionality. |  |  |
| **4** | JWT token authentication. |  |  |
| **5** | Protected API routes with middleware. |  |  |
| **6** | Remark: Weekly review. |  |  |

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**Weekly Diary for Industrial Training**

**Week 11: From 11/08/2025 to 16/08 /2025**

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| --- | --- | --- | --- |
| **Day** | **Activities carried out** | **Remark** | |
| **Industrial Supervisor** | **Mentor** |
| **1** | Learned Git commands (init, clone, commit). |  |  |
| **2** | Pushed project to GitHub repository. |  |  |
| **3** | Worked with branches and merging. |  |  |
| **4** | Solved merge conflicts. |  |  |
| **5** | Reviewed code in pull requests. |  |  |
| **6** | Remark: Reviewed Git workflow. |  |  |

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**Weekly Diary for Industrial Training**

**Week 12: From 18/08/2025 to 23/08/2025**

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| --- | --- | --- | --- |
| **Day** | **Activities carried out** | **Remark** | |
| **Industrial Supervisor** | **Mentor** |
| **1** | Connected React frontend with backend API. |  |  |
| **2** | Displayed user data in React table. |  |  |
| **3** | Created UI for login/register connected to DB. |  |  |
| **4** | Completed CRUD integration. |  |  |
| **5** | Pushed integrated app to GitHub. |  |  |
| **6** | Remark: Weekly review. |  |  |

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**Weekly Diary for Industrial Training**

**Week 13: From 25/08/2025 to 30/08/2025**

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| --- | --- | --- | --- |
| **Day** | **Activities carried out** | **Remark** | |
| **Industrial Supervisor** | **Mentor** |
| **1** | Started major project (Employee Management System). |  |  |
| **2** | Designed database schema (Employee, Department). |  |  |
| **3** | Implemented login/registration module |  |  |
| **4** | Designed dashboard in React + Tailwind.. |  |  |
| **5** | Integrated dashboard with backend API . |  |  |
| **6** | Remark: Holiday. |  |  |

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**Weekly Diary for Industrial Training**

**Week 14: From 01/09/2025 to 06/09/2025**

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| **Day** | **Activities carried out** | **Remark** | |
| **Industrial Supervisor** | **Mentor** |
| **1** | Developed Employee CRUD feature. |  |  |
| **2** | Added search and filter functionality. |  |  |
| **3** | Improved responsive design. |  |  |
| **4** | Fixed bugs in backend API. |  |  |
| **5** | Updated GitHub repo with changes . |  |  |
| **6** | Remark: Feedback session. |  |  |

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**Weekly Diary for Industrial Training**

**Week 15: From 08/09/2025 to 13/09/2025**

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| --- | --- | --- | --- |
| **Day** | **Activities carried out** | **Remark** | |
| **Industrial Supervisor** | **Mentor** |
| **1** | Completed leave management module. |  |  |
| **2** | Added theme toggle (dark/light mode). |  |  |
| **3** | Designed a responsive navbar using Flexbox. |  |  |
| **4** | Created a CSS Grid layout for dashboard. |  |  |
| **5** | Styled registration form with hover effects. |  |  |
| **6** | Submitted static portfolio page. |  |  |

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**Weekly Diary for Industrial Training**

**Week 16: From 15/09/2025 to 20/09/2025**

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| --- | --- | --- | --- |
| **Day** | **Activities carried out** | **Remark** | |
| **Industrial Supervisor** | **Mentor** |
| **1** |  |  |  |
| **2** |  |  |  |
| **3** |  |  |  |
| **4** |  |  |  |
| **5** |  |  |  |
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