

**FULL SEMESTER INTERNSHIP
STUDENT'S DAILY DIARY/ DAILY LOG**

Name of the Student:	N NOOKA RATNAM	Reg. No.:	20NU1A0577
Name of the company:	DEMY SOFTWARE SOLUTIONS		Date: Week1(21/12/23 to 23/12/23)
Dept./Division:	CSE - B	Name of the concept:	Full stack development (React.js)
Name of Internal Supervisor with email id:	Mrs. Mahalakshmi demysoftwaresolutions@gmail.com		Remarks:
Points of the training on Day -			
<p>Day 1: 21-12-2023 :</p> <p>Initiated the study of exploring the world of web technologies, learning about the architecture and functions that drive the digital landscape.</p> <p>Day 2: 22-12-2023 :</p> <p>Continued with intro web technologies by diving deeper into HTML, the foundational language of the web. It was enlightening to understand how HTML structures the content of web pages, setting the groundwork for creating dynamic and interactive online experiences.</p> <p>Day 3: 23-12-2023 :</p> <p>Engaged in hands-on exercises, creating forms and pages using tags.</p>			

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Name of the Student:	N NOOKA RATNAM	Reg. No.:	20NU1A0577
Name of the company:	DEMY SOFTWARE SOLUTIONS		Date: Week2(26/12/23 to 29/12/23)
Dept./Division:	CSE - B	Name of the concept:	Full stack development (React.js)
Name of Internal Supervisor with email id:	Mrs. Mahalakshmi demysoftwaresolutions@gmail.com		Remarks:
Points of the training on Day -			
<p>Day 1: 26-12-2023 :</p> <p>Initiated the study of web technologies, grasping the basics of HTML and CSS selectors.</p> <p>Day 2: 27-12-2023 :</p> <p>Dove deeper into HTML fundamentals, comprehending how tags structure web content, and delved into understanding CSS selectors for styling.</p> <p>Day 3: 28-12-2023 :</p> <p>Engaged in hands-on practice with HTML tags and CSS selectors, creating forms and pages while unravelling their significance in web development.</p> <p>Day 4: 29-12-2023 :</p> <p>Continued practical application, refining HTML and CSS skills by focusing on crafting proficient forms and pages. And making calls to alerts</p>			

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Name of the Student:	N NOOKA RATNAM	Reg. No.:	20NU1A0577
Name of the company:	DEMY SOFTWARE SOLUTIONS		Date: Week3(2/01/ 24 to 5/01/24)
Dept./Division:	CSE - B	Name of the concept:	Full stack development (React.js)
Name of Internal Supervisor with email id:	Mrs. Mahalakshmi demysoftwaresolutions@gmail.com		Remarks:
Points of the training on Day -			
<p>Day 1: 2-01-2024 :</p> <p>Re – lessons on exploring the world of web technologies, learning about the architecture and functions that drive the digital landscape.</p> <p>Day 2: 3-01-2024 :</p> <p>Re - lessons on with intro web technologies by diving deeper into HTML, the foundational language of the web. It was enlightening to understand how HTML structures the content of web pages, setting the groundwork for creating dynamic and interactive online experiences.</p> <p>Day 3: 4-01-2024 :</p> <p>Engaged in hands-on exercises, creating forms and pages using tags. And creating posters on favourite movie/food or games.</p> <p>Day 4: 5-01-2024 :</p> <p>Continued practical application, refining HTML and CSS skills by focusing on crafting proficient forms and pages. And making calls to alerts.</p>			

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Name of the Student:	N NOOKA RATNAM	Reg. No.:	20NU1A0577
Name of the company:	DEMY SOFTWARE SOLUTIONS	Date:	Week4(8/01/ 24 to 12/01/24)
Dept./Division:	CSE - B	Name of the concept:	Full stack development (React.js)
Name of Internal Supervisor with email id:	Mrs. Mahalakshmi demysoftwaresolutions@gmail.com	Remarks:	
Points of the training on Day -			
<p>Day 1: 8-01-2024 : Commenced the exploration of web technologies, understanding the foundational concepts and functionalities driving the digital landscape. git init git add . git commit -m "Initial commit: Started exploring web technologies"</p> <p>Day 2: 9-01-2024 : Re - lessons on with intro web technologies by diving deeper into HTML, the foundational language of the web. It was enlightening to understand how HTML structures the content of web pages, setting the groundwork for creating dynamic and interactive online experiences.</p> <p>Day 3: 10-01-2024 : Engaged in hands-on exercises, creating forms, pages, and posters using HTML tags. Additionally, learned how to use Git Bash and GitHub to manage project versions and collaborated with peers.</p> <p>Day 4: 11-01-2024 : Continued practical application, refining HTML and CSS skills by focusing on crafting proficient forms and pages. And making calls to alerts. git add . git commit -m "Refined HTML and CSS skills, learned advanced Git commands" git push origin master</p> <p>Day 5: 12-01-2024 : hosting the project on GitHub, including creating a repository, pushing the project files, and hosting the HTML files using GitHub Pages. git remote add origin <repository_url> git branch -M main git push -u origin main</p>			

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Name of the Student:	N NOOKA RATNAM	Reg. No.:	20NU1A0577
Name of the company:	DEMY SOFTWARE SOLUTIONS		Date: Week5(18/01/ 24 to 19/01/24)
Dept./Division:	CSE - B	Name of the concept:	Full stack development (React.js)
Name of Internal Supervisor with email id:	Mrs. Mahalakshmi demysoftwaresolutions@gmail.com		Remarks:
Points of the training on Day -			
<p>Day 1: 18-01-2024 :</p> <p>Commenced the exploration of web technologies, understanding the foundational concepts and functionalities driving the digital landscape.</p> <p>git init git add git commit -m "Initial commit: Started exploring web technologies"</p> <p>Day 2: 19-01-2024 :</p> <p>Revisited lessons due to holidays on web technologies, delving deeper into HTML, the foundational language of the web. Understanding how HTML structures the content of web pages was enlightening, laying the groundwork for creating dynamic and interactive online experiences.</p>			

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Name of the Student:	N NOOKA RATNAM	Reg. No.:	20NU1A0577
Name of the company:	DEMY SOFTWARE SOLUTIONS		Date: Week6(22/01/ 24 to 25/01/24)
Dept./Division:	CSE - B	Name of the concept:	Full stack development (React.js)
Name of Internal Supervisor with email id:	Mrs. Mahalakshmi demysoftwaresolutions@gmail.com		Remarks:
Points of the training on Day -			
<p>Day 1: 22-01-2024:</p> <p>Introduced CSS styling tags and parameters, covering concepts like font properties, color, background, and border styling. Explored the use of CSS grids in HTML for creating responsive layouts and organizing content.</p> <p>Day 2: 23-01-2024:</p> <p>Continued with CSS styling, focusing on advanced techniques such as flexbox and media queries for responsive design. Implemented CSS grid layouts in practical exercises, creating dynamic and visually appealing web pages.</p> <p>Day 3: 24-01-2024:</p> <p>Explored further CSS styling tags and parameters, including text styling, box model properties, and positioning. Practiced creating complex grid layouts using CSS grid properties for effective content organization.</p> <p>Day 4: 25-01-2024:</p> <p>Dived deeper into CSS styling, covering transitions, animations, and transformations for adding interactivity and visual enhancements to web pages. Implemented advanced CSS techniques in hands-on exercises, refining skills in creating dynamic and engaging user interfaces.</p>			

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Name of the Student:	N NOOKA RATNAM	Reg. No.:	20NU1A0577
Name of the company:	DEMY SOFTWARE SOLUTIONS		Date: Week7(29/01/ 24 to 2/02/24)
Dept./Division:	CSE - B	Name of the concept:	Full stack development (React.js)
Name of Internal Supervisor with email id:	Mrs. Mahalakshmi demysoftwaresolutions@gmail.com		Remarks:
Points of the training on Day -			
<p>Day 1: 29-01-2024:</p> <p>Commenced the exploration of building projects using React.js, emphasizing the importance of component-based architecture. Introduced the concept of flatpack projects, focusing on creating modular and reusable components for efficient development.</p> <p>Day 2: 30-01-2024:</p> <p>Continued with React.js, delving deeper into the creation of grids and cards to enhance project layouts. Started working on a restaurant website project, applying grid layouts and card components to showcase menu items and promotions.</p> <p>Day 3: 31-01-2024:</p> <p>Focused on refining project development skills by incorporating advanced features like interactive menus and booking forms in the restaurant website project. Introduced a new project for a books website, emphasizing the use of React.js components for displaying book listings and details.</p> <p>Day 4: 01-02-2024:</p> <p>Engaged in hands-on exercises to implement responsive design techniques in the restaurant and books website projects. Explored techniques for optimizing user experience across various devices and screen sizes.</p> <p>Day 5: 02-02-2024:</p> <p>Concluded the week with a review of project progress and challenges faced during implementation. Encouraged participants to showcase their projects and discuss learnings and insights gained from the week's activities.</p>			

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Name of the Student:	N NOOKA RATNAM	Reg. No.:	20NU1A0577
Name of the company:	DEMY SOFTWARE SOLUTIONS		Date: Week8(5/02/ 24 to 9/02/24)
Dept./Division:	CSE - B	Name of the concept:	Full stack development (React.js)
Name of Internal Supervisor with email id:	Mrs. Mahalakshmi demysoftwaresolutions@gmail.com		Remarks:
Points of the training on Day -			
<p>Day 1: 5-02-2024:</p> <p>Continued exploring Git concepts, focusing on advanced topics such as cloning repositories, creating branches, and collaborating with team members. Assigned team leaders and formed project teams to prepare for upcoming project work.</p> <p>Day 2: 6-02-2024:</p> <p>Extended Git knowledge by delving into GitHub concepts like pull requests, forks, and repository hosting. Introduced new projects focusing on CSS components, including a clock and stopwatch, to enhance practical skills in web development.</p> <p>Day 3: 7-02-2024:</p> <p>Explored the implementation of CSS components, with hands-on practice in creating dynamic and visually appealing clocks and stopwatches. Emphasized the importance of responsive design and accessibility in CSS component development.</p> <p>Day 4: 8-02-2024:</p> <p>Continued working on CSS component projects, refining designs and functionalities based on project requirements. Encouraged collaboration among team members to brainstorm ideas and address challenges faced during project implementation.</p> <p>Day 5: 9-02-2024:</p> <p>Concluded the week with a review of project progress and presentations showcasing CSS component projects. Discussed strategies for hosting projects on GitHub, ensuring accessibility and version control for future iterations.</p>			

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Name of the Student:	N NOOKA RATNAM	Reg. No.:	20NU1A0577
Name of the company:	DEMY SOFTWARE SOLUTIONS		Date: Week9(12/02/ 24 to 16/02/24)
Dept./Division:	CSE - B	Name of the concept:	Full stack development (React.js)
Name of Internal Supervisor with email id:	Mrs. Mahalakshmi demysoftwaresolutions@gmail.com	Remarks:	
Points of the training on Day -			
<p>Day 1: 12-02-2024 :</p> <p>Introduced JavaScript (JS) programming language, covering basic syntax, variables, and data types. Explored the role of JS in web development and its interaction with HTML and CSS.</p> <p>Day 2: 13-02-2024 :</p> <p>Continued with JavaScript, focusing on control structures like loops and conditionals. Discussed practical examples and exercises to reinforce understanding.</p> <p>Day 3: 14-02-2024 :</p> <p>Dived deeper into JavaScript functions and their significance in modular programming. Explored the concept of event handling in JS for creating interactive web applications.</p> <p>Day 4: 15-02-2024 :</p> <p>Expanded on JavaScript concepts with an emphasis on DOM manipulation and manipulation of HTML elements dynamically. Implemented practical exercises to demonstrate DOM manipulation techniques.</p> <p>Day 5: 16-02-2024 :</p> <p>Concluded the week with a review of JavaScript topics covered and their applications in web development. Assigned a JavaScript project to apply learned concepts and enhance practical skills.</p>			

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Name of the Student:	N NOOKA RATNAM	Reg. No.:	20NU1A0577
Name of the company:	DEMY SOFTWARE SOLUTIONS		Date: Week10(19/02/ 24 to 23/02/24)
Dept./Division:	CSE - B	Name of the concept:	Full stack development (React.js)
Name of Internal Supervisor with email id:	Mrs. Mahalakshmi demysoftwaresolutions@gmail.com	Remarks:	
Points of the training on Day -			
<p>Day 1: 19-02-2024 :</p> <p>Continued the exploration of JavaScript (JS), focusing on advanced concepts like functions, closures, and scope. Engaged in practical exercises to reinforce understanding and application of JS fundamentals.</p> <p>Day 2: 20-02-2024 :</p> <p>Explored asynchronous JavaScript programming, covering topics such as callbacks, promises, and async/await. Discussed practical examples and use cases for asynchronous programming in web development.</p> <p>Day 3: 21-02-2024 :</p> <p>Dived deeper into JavaScript frameworks and libraries, with a focus on React.js. Introduced React.js concepts like components, state, and props, highlighting their role in building dynamic user interfaces.</p> <p>Day 4: 22-02-2024 :</p> <p>Continued with React.js, exploring component lifecycle methods and event handling. Implemented practical exercises to create interactive web applications using React.js.</p> <p>Day 5: 23-02-2024 :</p> <p>Concluded the week with a review of JavaScript and React.js concepts covered. Assigned a React.js project to apply learned concepts and showcase practical skills in full-stack web development.</p>			

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Name of the Student:	N NOOKA RATNAM	Reg. No.:	20NU1A0577
Name of the company:	DEMY SOFTWARE SOLUTIONS	Date:	Week11(26/02/ 24 to 01/03/24)
Dept./Division:	CSE - B	Name of the concept:	Full stack development (React.js)
Name of Internal Supervisor with email id:	Mrs. Mahalakshmi demysoftwaresolutions@gmail.com	Remarks:	
Points of the training on Day -			
<p>Day 1: 26-02-2024 :</p> <p>Continued exploring JavaScript (JS) fundamentals, focusing on the call stack, event loop, and web APIs. Initiated the application of JS concepts to enhance front-end development skills.</p> <p>Day 2: 27-02-2024 :</p> <p>Further explored JS fundamentals, delving into practical examples and exercises to reinforce understanding. Introduced concepts like event handling and message queue for asynchronous programming in JS.</p> <p>Day 3: 28-02-2024 :</p> <p>Applied JS fundamentals to existing Java projects, enhancing functionality and interactivity using JavaScript. Explored real-life examples of JS applications for hybrid inheritance and practical validations.</p> <p>Day 4: 29-02-2024 :</p> <p>Continued integration of JS into Java projects, focusing on interfaces and their implementations. Implemented JS validations for user input fields, enhancing user experience and data integrity.</p> <p>Day 5: 01-03-2024 :</p> <p>Concluded the week with a focus on abstraction in Java and its practical applications. Explored examples of JS validations for username and password fields, ensuring data security and integrity.</p>			

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Name of the Student:	N NOOKA RATNAM	Reg. No.:	20NU1A0577
Name of the company:	DEMY SOFTWARE SOLUTIONS	Date:	Week12(04/03/ 24 to 07/03/24)
Dept./Division:	CSE - B	Name of the concept:	Full stack development (React.js)
Name of Internal Supervisor with email id:	Mrs. Mahalakshmi demysoftwaresolutions@gmail.com	Remarks:	
Points of the training on Day -			
<p>Day 1: 04-03-2024 :</p> <p>Conducted sessions on resume building and career planning, emphasizing the importance of showcasing skills and experiences effectively. Discussed fundamental concepts of React.js, including components and JSX syntax.</p> <p>Day 2: 05-03-2024 :</p> <p>Continued with resume building tips and strategies for preparing for future career opportunities. Progressed into more advanced React.js topics, covering installation, setup, and usage of React in web development projects.</p> <p>Day 3: 06-03-2024 :</p> <p>Conducted sessions on personal branding and strategies for networking in the industry. Explored React.js components like buttons and div tags through practical examples and exercises.</p> <p>Day 4: 07-03-2024 :</p> <p>Engaged in discussions with a manager from TCS (Tata Consultancy Services) regarding job opportunities for freshers. Focused on concepts of runtime and compile-time polymorphism in Java, followed by practical exercises.</p>			

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Name of the Student:	N NOOKA RATNAM	Reg. No.:	20NU1A0577
Name of the company:	DEMY SOFTWARE SOLUTIONS	Date:	Week13(11/03/ 24 to 15/03/24)
Dept./Division:	CSE - B	Name of the concept:	Full stack development (React.js)
Name of Internal Supervisor with email id:	Mrs. Mahalakshmi demysoftwaresolutions@gmail.com	Remarks:	
Points of the training on Day -			
<p>Day 1: 11-03-2024 :</p> <p>Conducted a comprehensive review session covering all React.js topics discussed throughout the internship. Reviewed fundamental concepts such as components, state, props, and JSX syntax.</p> <p>Day 2: 12-03-2024 :</p> <p>Continued the review session by revisiting more advanced React.js topics, including lifecycle methods, event handling, and conditional rendering. Clarified any doubts or questions regarding React.js concepts and applications.</p> <p>Day 3: 13-03-2024 :</p> <p>Focused on practical examples and exercises to reinforce understanding of React.js concepts. Reviewed project implementations and discussed best practices for React.js development.</p> <p>Day 4: 14-03-2024 :</p> <p>Engaged in discussions on React.js project titles and objectives, providing guidance and support to teams. Reviewed SQL concepts such as joins and database optimization for integration with React.js projects.</p> <p>Day 5: 15-03-2024 :</p> <p>Concluded the week with a final review of React.js topics and project progress. Provided feedback and suggestions for improvement on React.js projects.</p>			

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Name of the Student:	N NOOKA RATNAM	Reg. No.:	20NU1A0577
Name of the company:	DEMY SOFTWARE SOLUTIONS	Date:	Week14(18/03/ 24 to 22/03/24)
Dept./Division:	CSE - B	Name of the concept:	Full stack development (React.js)
Name of Internal Supervisor with email id:	Mrs. Mahalakshmi demysoftwaresolutions@gmail.com	Remarks:	
Points of the training on Day -			
<p>Day 1: 18-03-2024 :</p> <p>Conducted a revision session on JavaScript data types, covering primitive types such as String, Number, Boolean, Undefined, Null, and Symbol, along with complex types like Object.</p> <p>Day 2: 19-03-2024 :</p> <p>Reviewed the concept of hoisting in JavaScript, including functional hoisting and variable hoisting, and its implications on code execution.</p> <p>Day 3: 20-03-2024 :</p> <p>Discussed closures in JavaScript, emphasizing their importance and practical applications in maintaining access to outer function variables even after the outer function execution is completed.</p> <p>Day 4: 21-03-2024 :</p> <p>Explored JavaScript methods call() and apply(), focusing on their usage to invoke functions and explicitly set the value of 'this' keyword, along with passing arguments to functions.</p> <p>Day 5: 22-03-2024 :</p> <p>Reviewed the concept of Promises in JavaScript, highlighting their role in handling asynchronous operations and providing a structured approach compared to traditional callback-based methods. Conducted a revision session on HTML, CSS, and Bootstrap, reinforcing concepts and best practices in web development.</p>			

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Name of the Student:	N NOOKA RATNAM	Reg. No.:	20NU1A0577
Name of the company:	DEMY SOFTWARE SOLUTIONS	Date:	Week15(25/03/ 24 to 29/03/24)
Dept./Division:	CSE - B	Name of the concept:	Full stack development (React.js)
Name of Internal Supervisor with email id:	Mrs. Mahalakshmi demysoftwaresolutions@gmail.com	Remarks:	
Points of the training on Day -			
<p>Day 1: 25-03-2024 :</p> <p>Initiated team formation and project planning for the React UI project. Discussed the foundational concepts of React.js and its role in building interactive and dynamic user interfaces.</p> <p>Day 2: 26-03-2024 :</p> <p>Continued project planning and delved deeper into React.js concepts such as component structure, state management, and props passing. Emphasized the importance of modular and reusable components in UI development.</p> <p>Day 3: 27-03-2024 :</p> <p>Made progress on the React UI project by implementing various UI components for the movie-based web application. Explored techniques for styling components using CSS and leveraging React's component lifecycle methods for efficient rendering.</p> <p>Day 4: 28-03-2024 :</p> <p>Advanced our React UI project by integrating additional features such as search functionality, sorting options, and responsive design for improved user experience. Conducted code reviews and collaborated to address any challenges encountered during development.</p> <p>Day 5: 29-03-2024 :</p> <p>Concluded the week with final refinements and testing of the React UI project. Presented our project to the team, highlighting the key features and design choices. Reflecting on the week's progress, we discussed lessons learned and areas for future improvement in React.js development.</p>			

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