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# Teja Durga Sai Desemsetti

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Chaganti vari meraka, lakshmaneswaram, Narasapur, west godavari

+919010730497 | tejadesemsetti999@gmail.com

**in** <https://www.linkedin.com/in/teja-desemsetti-7a1901223>

## OBJECTIVE

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A highly motivated and detail-oriented Front-End Developer seeking an entry-level position to apply my skills in HTML, CSS, JavaScript, and modern frameworks to create dynamic, user-friendly web applications. Passionate about learning new technologies and contributing to impactful projects.

## EDUCATION

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2018 - 2022

- **Swarnandhra college of Engineering and Technology**  
Bachelor of Technology (ECE)  
CGPA : 6.8

## SKILLS

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- Proficient in HTML5, CSS, and JavaScript
- Experience with modern front end frameworks and libraries such as React.js
- Familiarity with responsive design principles and mobile first development
- Good problem solving skills and ability to debug code efficiently
- Excellent communication and collaboration skills
- Ability to work in an agile environment and meet tight deadlines

## TECHNICAL SKILLS

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- **Languages:** HTML5, CSS3, JavaScript
- **Frameworks/Libraries:** React(Basics), Bootstrap
- **Tools:** VS Code, Jira
- **Methodologies:** Agile

## PROJECTS

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- **CRACK DETECTION OF WALL USING MATLAB**
  - Developed an image processing project to detect cracks on concrete surfaces, helping in early diagnosis of structural degradation.
  - The project identifies early symptoms of structural weakening caused by factors such as earthquakes, frost damage, salt erosion, and poor construction materials
  - Utilized Digital Image Processing techniques to analyze and identify irregularities, aiding in efficient and automated crack detection.
  - Designed to assist large residential and commercial buildings in proactive maintenance and safety measures.
- **Personal Web Portfolio**
  - Sketch a rough wireframe to visualize the structure. Identify Key Features & Elements Include essential components like a navigation menu, images, forms, buttons.
  - Build the Web Page Using HTML5 to structure the content with semantic elements like <header>, <body>.
  - Style the Web Page Using CSS to enhance the visual appeal with colors, fonts. Use CSS Grid and Flexbox for layout design.
  - Enhance Responsiveness by Utilize Bootstrap classes to create a responsive and mobile-friendly design.
  - Implement JavaScript for interactive features like form validation, animations, and event handling. Use the DOM API to dynamically update content.
  - Optimize for Performance & Accessibility to Ensure fast loading times by optimizing images and minifying CSS/JavaScript files.
  - Test and Debug across multiple browsers (Chrome, Firefox, Safari, Edge) to ensure compatibility.
  - Host the website on GitHub Pages, Netlify. Share the link with users and gather feedback for improvements.

## COURSE AND CERTIFICATES

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- Java Certificate in great learning
- HTML, CSS, JS certificate in NareshIT
- Web Development in Infosys springboard