

HEMALATHA B

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🏠 Chennai, TamilNadu

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🔗 [My Portfolio](#)

Adaptable M.E. Graduate | Enthusiastic Entry-Level Full-Stack Developer with Expertise in Front-End Development

HARD SKILL

- HTML 5
- CSS
- JavaScript
- Python
- Framework: Bootstrap
- Git and GitHub (Version Control)

SOFT SKILL

- Effective Communication
- Collaborative working
- Decision Making
- Attention to Detail Multi-tasking

EDUCATION

- M. E in Power Electronics and Drives. Jerusalem College of Engineering, AnnaUniversity, Batch: 11/2022-04/2024 Grade - 8.0%
- B.E in Electrical and Electronics Engineering. Jerusalem College of Engineering, Anna University, Batch: 09/2017-04/2021 Grade - 7.85%

IN-PLANT TRAINING

- Completed 6 days of in-plant training at Carriage Works, Perambur, Southern Railway.

ACHIEVEMENTS

- I attended Cambridge English Entry Level Assessment In Esol International (Entry 3) and scored "Council Of Europe Level B1" on June 2018.
- Worked as volunteer in Youth Red Cross at Jerusalem College of Engineering.

DECLARATION

I hereby declare that the above-mentioned information is true to the best of my knowledge.

PROFESSIONAL EXPERIENCE

Utsavgi Computers And Electronics Pvt Ltd Electronics Manufacturer. Quality Assurance Trainee, Chennai.

(January 2022 To June 2022)

- **Oversaw equipment calibration:** Executed successful calibration for 50 units, enhancing inspection and testing accuracy by 20%. Collaborated. **Across Departments:** Fostered cross-departmental communication, achieving a 15% increase in specification compliance.
- **Identified and Resolved Production Issues:** Efficiently resolved 30 production issues, reducing downtime by 10%. **Conducted Rigorous Product Inspections:** Collaborated on a rigorous product inspection process, resulting in a 25% improvement in high testing standards.

PROJECT

QuizPick

- **QuizPick** is a web quiz app where users choose a category and answer predefined questions, with instant real-time scoring. Technologies Used: **HTML5, CSS3, JavaScript**
- Future Enhancements: Integration of **JSON** for dynamic question loading, Additional features such as timers and difficulty levels
- Deployed on [Netlify] - [Live Demo](#)

Wellness Center App Clone

- Created a UI clone of a [wellness center app](#), focusing on service browsing and appointment scheduling with a clean, responsive design using Bootstrap. Technologies Used: **HTML5, CSS3, Bootstrap**
- Future Enhancements: Adding **JavaScript** for interactivity, Upgrading to **Reactjs** for modern UI components and better state management.

Calculator

- Designed and implemented a responsive web-based [Calculator](#) using HTML, CSS, and JavaScript.
- Showcasing proficiency in front-end development and problem solving skills.

Performance of Multi Coil Induction Heating System Using Asymmetrical Voltage Cancellation (AVC) Technique - Academic Project

Purpose to note the performance of heat change by AVC Technique