

HATHERAJA ANVARDEEN

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Career Objective

A highly motivated Software Developer with **1 year 10 months** of experience in developing web applications using **React.js, Python, Flask, and MongoDB**. Passionate about building user-friendly interfaces and robust backend functionalities. Experienced in deploying applications using **Nginx** and familiar with **OOP concepts in Python**.

Eager to learn and adapt to new technologies to enhance software development processes. Currently contributing to **eParampara Technologies** as part of a team developing **vision inspection and laser-based inspection systems**. Seeking a challenging role in the software industry to leverage my skills and contribute to impactful projects.

Work Experience

Software Developer

eParampara Technologies | June 2023 – Present (1 year 10 months)

- Developed web applications using **React.js, Python, Flask, and MongoDB**.
- Designed and implemented **frontend UI** components and **backend functionalities**.
- Deployed applications using **Nginx** for efficient server management.
- Collaborated with a team to develop multiple projects, including:
 - **Vision Inspection Application:**
 - Used a **webcam** to inspect objects and classify them as **good or bad** based on defects.
 - Developed frontend pages and implemented backend functionalities.
 - **Laser-Based Inspection System:**
 - Used a **2D line scanner laser** to measure the **runout of a wheel**.
 - Contributed to **UI development** and backend integration.
 - **Other Projects:**
 - Developed **UI pages** and supported backend development for various applications.

Technical Skills

- **Frontend:** React.js, HTML5, CSS, JavaScript
- **Backend:** Python, Flask
- **Database:** MongoDB, SQL (learned in college)
- **DevOps & Deployment:** Nginx
- **Concepts:** Object-Oriented Programming (OOP) in Python
- **Other Languages:** Java (learned in college)

Projects

Vision Inspection Application

- **Technologies Used:** React.js, Python, Flask, MongoDB, Webcam
- **Description:**
 - Developed an application to inspect objects and classify them as **good or bad** based on defects.
 - Implemented **frontend UI** components and backend functionalities.
 - Used a **webcam** to capture object images for inspection.

Laser-Based Inspection System

- **Technologies Used:** React.js, Python, Flask, MongoDB, 2D Line Scanner Laser
- **Description:**
 - Built an application to measure the **runout of a wheel** using a **2D line scanner laser**.
 - Developed **UI pages** and worked on backend functionalities.
 - Ensured accurate data collection and visualization.

Other UI Development Projects

- **Technologies Used:** React.js, HTML5, CSS, JavaScript, Python
- **Description:**
 - Worked on multiple projects to design and develop **interactive UI pages**.
 - Collaborated with the team to enhance application features and performance.

Education

- **Bachelor of Engineering (B.E.) – Computer Science and Engineering**
Annamalai University, Chidambaram | 2019 – 2023
CGPA: 9.57
- **Higher Secondary Certificate (HSC) – Class 12**
Venkatesa Higher Secondary School, Ayangudippallam | 2018 – 2019
Percentage: 80%
- **Secondary School Leaving Certificate (SSLC) – Class 10**
Venkatesa Higher Secondary School, Ayangudippallam | 2016 – 2017
Percentage: 95.2%

Certifications

- **Complete Bootstrap & React Bootcamp with Hands-On Projects**
Udemy | Issued Oct 2022
- **Complete JavaScript with HTML5, CSS3 from Zero to Expert – 2022**
Noble Work Foundation | Issued Oct 2022
- **Java: Data Structures**
LinkedIn | Issued Feb 2023