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# Dharshini Arumugam

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## Summary

An innovative and dedicated software developer with a strong foundation in Flutter, AI/ML tools,

LLMs, and web scraping, complemented by hands-on experience as a Trainer Intern at HCL from January to April. Proven ability to deliver successful projects with a focus on impactful solutions and process improvement. Currently working as a UI/UX Developer with hands-on experience in HTML, CSS, JavaScript, Bootstrap, Wix, and Figma. Skilled in MS Excel and Word, and enthusiastically open to learning new skills and adapting to dynamic environments to contribute effectively to team and organizational growth.

## Experience

**PiBi Info Tech**      **June-Dec 24**
Product Developer      Madurai

- Developed and optimized scalable front-end solutions using Flutter, an open-source UI ,platform, for cross-platform applications.
- Leveraged AI tools and LLM's to streamline processes and enhance user experience.
- Conducted extensive web scraping and data collection to drive data-driven decision making.
- Collaborated with cross-functional teams to deliver high-quality products on time
- Focused on Front end development, data collection, and AI/ML technologies to optimize Product functionality and performance, driving user engagement and delivering scalable solutions.

**Hcl Tech**      **Jan-Apr 25**
Intern – Hcl Trainer      Madurai

- Conducted training sessions for college students as part of a corporate education initiative.
- Delivered hands-on instruction in Microsoft 365 tools including Word, PowerPoint, and Excel.
- Facilitated workshops on English communication skills, focusing on professional speaking, writing, and presentation abilities.
- Developed training materials and maintained progress reports to track learning outcomes.

**Aravind Eye Hospital (LAICO)**      **May 2025 – Present**
UI/UX Developer      Madurai

- Developed the **Digital Activity Report (2024–25)** for **Aravind Eye Care System** and the **Indian Journal of Ophthalmology** using **HTML, CSS, and JavaScript**, with a focus on responsive design and accessibility.
- Designed and delivered ongoing **front-end web projects**, ensuring seamless user experience across desktop, tablet, and mobile devices.
- Built and customized **interactive user interfaces** using front-end technologies to improve usability, performance, and visual consistency.
- Currently working on the **Architectural Manual for the Aravind website**, defining layout structures, reusable components, and front-end design standards.
- Collaborated with stakeholders to convert content and design requirements into **structured, user-friendly digital solutions**.

## Education

**Anna University Regional Campus Madurai**      **2021-2024**
Computer Science and Engineering      B.E IN CSE
8.27

**Government Polytechnic College for Women**      **2018-2021**
Computer Science      Diploma in CSE
8.9

## Projects

**Annual Activity report**

- Designed and developed the **Digital Activity Report (2024–25)** for the **Aravind Eye Care System**, a comprehensive online report highlighting the organisation's impact across key areas such as Patient Care, Education & Training, Research, Consultancy & Capacity Building, Ophthalmic Supplies, and Information Technology.
- Created responsive **front-end web pages** using **HTML, CSS, and JavaScript**, ensuring a clean visual presentation and seamless navigation across sections like Highlights, Patient Care, Education & Training, and more.

**Indian Journal of Neuro-Ophthalmology**

- Contributed to the **Indian Journal of Neuro-Ophthalmology (IJNO)**, a peer-reviewed online medical journal focused on clinical and research insights in neuro-ophthalmology, including review articles, case reports, and educational content aimed at advancing diagnostic and therapeutic understanding in eye care.
- Developed and implemented the **front-end structure and design** of the IJNO web interface using **HTML, CSS, and JavaScript**, ensuring that editorial content, research articles, and clinical case reports were well-organised, readable, and accessible.
- Ensured the journal's layout was **responsive and user-friendly**, improving navigation through sections such as Editorials, Review Articles, and Case Reports for both desktop and mobile users.

**Malware Modeling and Detection**

- Analyzed and identified malicious software using advanced modeling techniques.

**Assessing the Safety of Municipal Drinking Water**

- Leveraged machine learning techniques to assess the safety of municipal drinking water.

**Digital Image and Audio Using Steganography**

- Concealed and extracted information within multimedia files to enhance data security and privacy

## Skills

**PROGRAMMING LANGUAGES**
C, Python(basics)
● ● ● ○ ○

**FRONTEND DEVELOPMENT**
HTML, CSS, JavaScript,Bootstrap,Figma,Wix
● ● ● ● ●

**DATA COLLECTIONS**
WebScrapping
● ● ● ○ ○

**BUSSINESS&OFFICE TOOLS**
MS Word, MS Excel, PowerPoint, Communication & Presentation Skills
● ● ● ● ●

**SOFT SKILLS**
Team Collaboration, Problem Solving, Quick Learner, Adaptability
● ● ● ● ○

**Operating Systems**
Linux (Ubuntu – command-line operations, file system management, permissions, package management), Windows
● ● ● ○ ○

## Interests

**UI/UX Design**

**Web Development**

## Certifications

**Full Stack Development**
Infosys Springboard

**AI Internship**
InfoAidTech

## Languages

**Tamil**
● ● ● ● ●

**English**
● ● ● ● ○