| Amirtha Varshini B  **Career Objective:**  Aspire to become a full-fledged programmer.  React JS developer with 3 years of experience, transitioning into Data Science and AI/ML roles. Equipped with a strong foundation in programming and problem-solving. | No.61, P&T Colony 4th street, Kavundampalayam,  Coimbatore - 641030,  Tamil Nadu, INDIA.  **Mobile - 7904934040**  **Email - amirthabala27@gmail.com** |
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| EXPERIENCESenior Product Engineer — *Codingmart Technologies* May 2022 - Present  Started as a **Product Engineer**, focusing on frontend development with React.js and Next.js, translating Figma designs into UI screens, and integrating backend APIs. Also contributed to backend development using Node.js and MySQL. Promoted to **Senior Product Engineer** in May 2024, continuing to develop applications with Next.js, optimizing web performance, and enhancing SEO. Additionally, mentored junior developers and improved system design while upholding best coding practices.  **PROJECTS** :  **Sparrow :** Revamped Aditya Birla Fashion & Retail Ltd.'s product management application from PHP to Next.js, improving performance and scalability. Leveraged React’s component-based architecture for reusability and seamless navigation. Implemented Redux for state management and designed a responsive UI using PrimeReact.  **Tasva & Jaypore E-commerce Site :** Contributed to the development and maintenance of Tasva and Jaypore, two e-commerce platforms built with Next.js. Implemented key features like user authentication, product search & filtering, shopping cart, secure checkout, and order history. Focused on web performance optimization and SEO improvements, collaborated with backend teams for API integration, and ensured application stability through active debugging and issue resolution. Product Engineer Trainee — *Codingmart Technologies* August 2021 - May 2022  Trained on Technologies like React Js, Node Js, Git. Deployed on the Internal Project as Full stack Developer and had hands-on training on the technologies learnt.  **PROJECTS** :  **Kalanju :** This Application is used to act as the resource and project management tool of the company. As a part of this team, I worked on a few modules that manage providing help to the employees and projects. I looked up the UI, Integrations and Backend support for the modules. I had also been supporting the bug fixes in the existing modules. PROJECTSWhat If Story Generator — *using Gemini* Apr 2025  A What If story generator based on Characters stored in a vector database through RAG or through google grounding using Gemini API.  Language - Python  Developing Platform - Kaggle  Libraries Used - google-generativeai, chromadb Automated SEO Chatbot — *using Groq* Oct 2024 - Nov 2024  A chatbot to analyze website content, identify SEO issues, compare other websites and provide recommendations for improving search engine rankings using Large Language Models (LLMs).  Language - Python  Developing Platform - Google Colab  Libraries Used - Groq (LPU), Llama, Langchain, BeautifulSoup, Gradio  Third Party APIs Used - SERP API, Data for SEO, Pagespeed API Certificate Management — *using blockchain* Sep 2020 - May 2021  Managing the hard copy of educational certificates is a bit tougher due to fake certificate issues. Our project ensures security and authenticity of certificates issued by the University through **blockchain** technology.  Operating System - Ubuntu  SDK- Hyperledger Fabric  File Storage System - IPFS File System Protocol  Programming Language -HTML, CSS, Node.Js  Database - Sqlite3 EDUCATIONIndian Institute of Science in association with TalentSprint, Bangalore, Karnataka — *PG Level Advanced Certification* *Programme in Computational Data Science*Oct 2023 - Nov 2024 Completed with 97% (A+ Grade) Sri Ramakrishna Engineering College, Coimbatore, Tamil Nadu —*Bachelor of Engineering in Computer Science and Engineering*July 2018 - May 2022 CGPA **8.8** Christhu Jyothi Matriculation Higher Secondary School, Erode, — *Higher Secondary Certificate (HSC)*June 2017 - May 2018 Passed with **91.5%** in the State board examination. Christhu Jyothi Matriculation Higher Secondary School, Erode, — *Secondary School Leaving Certificate (SSLC)*June 2015 - May 2016 Passed with **98.8%** in the State board examination. | PROFILES  * **Github** : <https://github.com/amirthabala> * **LinkedIn** : [https://www.linkedin.com/in/amirtha-bala-3440901a5](https://www.linkedin.com/in/amirtha-bala-3440901a5/)  SKILLS  * **Programming Languages** : C, C++, Java, Python * **Web development** : HTML, CSS, Javascript, React Js, Next Js * **JS Framework** : Node JS * **JS Libraries** : Redux, Redux Toolkit * **Databases** : MY SQL, MongoDB, Sqlite3 * **Soft Skills** : Good communication, Team work  TOOLS USED Designing Tools - Figma, Canva, Adobe XD   * Developer Tools - Jupyter Notebook, Google Colab * Storage Tool - Amazon S3 * Code management Tool - Git  LANGUAGES English, Tamil HOBBIES Pencil Sketching  Crafts  Badminton |

# CERTIFICATIONS

## Deep Learning NPTEL Certification — *NPTEL*

Dec 2020, Completed with Elite Certificate

## Deep learning Specialization— *Andrew NG DeepLearning.AI, Coursera*

Jul 2020, Completed with 95%

## Python Specialization— *University of Michigan, Coursera*

June 2020, Completed with 98%