



# ABINAYA B



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<https://abinaya2912.github.io/portfolio/>

## EDUCATION

### BACHELOR OF ENGINEERING IN COMPUTER SCIENCE AND ENGINEERING

Kongu Engineering College -Erode  
Expected May 2026| CGPA-8.40

### HIGHER SECONDARYCERTIFICATION(HSC)

Karur saraswathi vidhyalaya higher  
secondary school- Karur  
May 2022 | 93.83 %

### SECONDARY SCHOOL LEAVING CERTIFICATION(SSLC)

Kaveri Matriculation School -karur  
May 2020 | 97.8 %

## SKILLS

### • FRONTEND

HTML ,CSS ,Javascript

### • LANGUAGES

C,C++,Java,Python

### • FRAMEWORKS

Express JS , Node JS , React JS

### • DATABASES

SQL, MongoDB

### • TOOLS

VS Code,Figma (UI/UX) ,Git ,Github,  
Firebase, Vercel, Render

## AREAS OF INTEREST

- Web Technology
- Machine Learning

## CERTIFICATIONS

- MongoDB Certified Associate  
Developer
- IBM Data Science- Coursera
- Linux Fundamentals- Coursera

## CAREER OBJECTIVE

To Excel in software development and problem-solving while continuously learning and adapting to new technologies. I aim to stay ahead of industry trends ,tackle complex challenges and contribute to impactful projects through innovations ,efficiency and expertise

## INTERNSHIP

### Generative AI Consortium & SystimaNX Pvt Ltd Jun 2024- Oct 2024

- Developed a predictive model for Stock Market Prediction using ML algorithm

## PROJECTS

### PLANT TISSUE CULTURE

Oct 2024- Nov-2024

- Tech Stack : React JS, Express JS, CSS, Python, MongoDB
- Utilized machine learning to optimize culture medium selection. Achieved 70 % Accuracy using a Random Forest Model with hyperparameter tuning.

### PET ADOPTION PLATFORM

Aug 2024- Oct 2024

- Tech Stack : React JS, Express JS ,Node JS, CSS , Mongo Atlas ,Render
- Developed an interactive web application connecting users with pet shelters Enabled browsing ,detailed pet profiles ,and adoption requests.

### HABIT TRACKING SYSTEM

Jan 2025- Feb 2025

- Tech Stack: React JS, Express JS, Node JS, CSS, Mongo Atlas , Render
- Build a habit tracking application to set goals ,monitor progress, and visualize completed vs pending habits

## ACHIEVEMENT

- **WINNER** : HackBuzz 24-Hackathon , for developing "NEXT EDU" - an AI driven higher education recommendation platform

## LINKS

- <https://github.com/abinaya2912>
- <https://www.linkedin.com/in/abinaya-bala-604705256>
- [https://leetcode.com/u/22CSR005\\_abi/](https://leetcode.com/u/22CSR005_abi/)