

ABI SWETHA



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PROFILE

Full-stack developer passionate about creating applications that don't just work — they last. From backend logic to frontend design, I enjoy solving tough problems and turning them into clean, reliable solutions. With an eye for design and a habit of constantly learning, I focus on making development both efficient and impactful.

EDUCATION

Bachelor of Technology | Computer Science Engineering

2023 - 2027

Amrita Vishwa Vidyapeetham | Chennai

- CGPA: 8.76 / 10

Higher Secondary | 12th

2022 - 2023

Akshaya Academy, Oddanchatram | TamilNadu

- CGPA: 8.58 / 10

High School | 10th

2019 - 2020

Prasiddhi Vidyodaya, Dindigul | TamilNadu

- CGPA: 9.22 / 10

PROJECTS

Student Portal | Python, HTML, CSS, JavaScript

Mar 2025

- Developed a student portal to help students manage exams and study efficiently. It includes a midterm syllabus and timetable feature for easy access.
- This enhances time management and study effectiveness reducing timetable lookup time by 40%.

News App with a Hidden Chat Server | Flutter,Dart

Jun 2025

- Created a Flutter-based news application with an embedded secret chat feature, accessible only through a hidden button known to specific users.
- Incorporating real-time news updates via REST APIs and intuitive, secure navigation. Integrated Firebase Authentication and Firestore for secure, real-time messaging.
- Ensured high user privacy by concealing chat access within a fully functional news interface, making it indistinguishable to outsiders. Improved user security by ensuring 100% hidden chat access.

Portfolio Website | HTML, CSS, JavaScript, GitHub Pages

Nov 2025

- Designed and developed a fully responsive personal portfolio website showcasing my projects, skills, education, and achievements.
- Implemented a clean UI with pixel-art themed backgrounds and interactive elements for an engaging user experience.
- Built and integrated a mini piano-game using JavaScript
- Added a functional contact form using Formspree for direct communication.
- Deployed the website using GitHub Pages, ensuring fast loading and cross-device accessibility.

Mobile App for Local Shop | Java, Android Studio

Aug 2025 - Present

- Currently developing a mobile application to assist my father in efficiently managing product listings, customer orders, and inventory for his wholesale store.
- Building features for real-time inventory tracking, order placement, and payment calculation tailored to the store's daily operations. Enables shop owner to cut manual effort by 50%

TECHNICAL EXPERTISE

- **Programming Languages:** C, Java , Python
 - **Web Technologies:** HTML, CSS, JavaScript
 - **Databases:** SQL
- **Development Tools:** Flutter
 - **Other Skills:** Problem Solving,Critical Thinking

SKILLS

- Storytelling
- Creativity
- Active Listening
- Crisis Management
- Persuasive Negotiation

CERTIFICATES AND EXPERIENCE

Full Stack Development Workshop Amrita Vishwa Vidyapeetham	Feb 2025
<ul style="list-style-type: none">• Gained comprehensive knowledge of frontend and backend technologies, including building responsive user interfaces,managing databases.	
Applied Generative AI Certification Infosys	Jul 2025
<ul style="list-style-type: none">• Completed a virtual certification focused on Generative AI fundamentals, prompt engineering, and LLMs	
Machine Language Certification Nptel	Jul-Sep 2025
<ul style="list-style-type: none">• Learning the fundamentals of machine learning, including supervised and unsupervised learning techniques.	
BOLT World’s Largest Hackathon Bolt,WorkEZ	Aug 2025
<ul style="list-style-type: none">• Participated in BOLT Hackathon and built an AI-driven supply chain model to generate statistical reports on company goods.	
Prompt Engineering Certification Infosys	Sept 2025
<ul style="list-style-type: none">• Trained in prompt design and AI interaction strategies to generate accurate, context-aware outputs for diverse applications.	
Cloud Computing Certification Infosys	Sept 2025
<ul style="list-style-type: none">• Built proficiency in cloud-native technologies, scalability, and cost-optimized resource utilization.	
Networking Basics Certification Cisco	Oct 2025
<ul style="list-style-type: none">• Strengthened my basics in Networking	

COMMUNITY OUTREACH PROGRAM

AmritaVarsham’70	Sept 2024
Participated in AmritaVarsham’70 seva (selfless service) initiatives as part of a community outreach program, contributing to activities like helped people by giving clothes, food, and books. Through these efforts, I gained a deeper understanding of social responsibility and the importance of giving back to the community.	
Volunteering	Dec 2024
Volunteered in cleaning an age-old temple, where I helped remove dirt and debris, cut overgrown branches and weeds, and dust the walls to restore its beauty.	

AWARDS/ACTIVITIES

Zonal level Kho Kho Champion (Team Captain)	2016-2021
College Badminton Player(Represented Dept)	Mar 2024-Apr 2025
100mts,800mts,1500mts Athelete Winner	Mar 2024-2025