

## ABOUT

I'm an undergraduate Computer Science and Engineering student with practical experience in programming and software development. I've collaborated on diverse, team-based projects addressing real-world challenges, demonstrating strong problem-solving skills. Passionate about emerging technologies, I actively contribute to impactful solutions while continuously expanding my technical expertise.

## EDUCATION

### Amrita Vishwa Vidyapeetham

Bachelor's Degree in Computer Science Engineering  
2022 – 2026  
GPA – 7.02

### Vidyasagar International Public School

Higher Secondary School – Class 12  
Percentage – 85.4%

### Kovai Public School

High School – Class 10  
Percentage – 81.6%

## SKILLS

- Programming –
  - Python, C, C++, Java
- Web Development –
  - HTML, CSS, Javascript, React.js, Node.js, Next.js
- Database –
  - MySQL, PostgreSQL
- Machine Learning Frameworks –
  - TensorFlow, PyTorch

## CERTIFICATIONS

- Web Development Bootcamp Certification
- Programming in C Certification
- Programming in C++ Certification

## EXPERIENCE

### Full Stack Development Intern – Prasunet Tech.

Personalized Learning Management System

- Developed a personalized learning management system that adapts course difficulty based on user progress
- Designed and implemented dynamic content delivery and user progress tracking using Firebase
- Integrated scalable backend services and responsive frontend interfaces to ensure seamless interaction and personalized content delivery

### Software Development Engineer Intern – Bluestock

Web App Development

- Developed backend and frontend components for a collaborative team-based Node.js application.
- Implemented key functionalities, including user authentication, real-time data updates, and responsive UI designs.
- Enhanced scalability and maintainability by following best practices in code structuring and modularization.

## PROJECTS

### Smart Parking Management System

Languages Used – JavaScript

- Designed and developed backend logic for a smart parking management system.
- Implemented key functionalities, including parking slot allocation, real-time status tracking, and payment processing.
- Streamlined algorithms and enhanced data structures to improve system efficiency and scalability.

### Supply Chain Management System

Languages Used – Python

- Developed backend logic for a supply chain management system
- Optimized algorithms and data structures for efficiency and scalability
- Implemented demand forecasting, order processing, and delivery scheduling functionalities