

THARUNIKA K P

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Result-driven Java developer with strong problem-solving skills, seeking opportunities to build scalable and impactful software solutions.

EDUCATION

Bannari Amman Institute Of Technology , B.Tech in AI & DS Erode, India	CGPA: 7.84 / 10.0	Aug 2027
Saratha Higher Secondary School , HSC Erode , India	Percentage: 89.83	Mar 2023
Saratha Higher Secondary School , SSLC Erode , India	Percentage: 100	Mar 2021

SKILLS

Languages	Python, C, C++, Java
Front-End	HTML, CSS, JavaScript, TailwindCSS, HeroUI, UI/UX (Figma)
Back-End	Python, Java
Frameworks	ReactJS, NextJS
Tools	Git, GitHub
Databases	MongoDB, MySQL
Soft Skills	Problem-Solving, VS Code

INTERNSHIP

Crayon'D Private Limited, *Internship* | Offline Mar 2025 - Apr 2025

- Developed interactive and responsive web pages using **React.js**, **Next.js**, **Tailwind CSS**, and **Hero UI** to create modern, user-friendly interfaces.
- Built reusable and modular React components to improve code maintainability and scalability.
- Designed responsive layouts and ensured cross-device compatibility using **Tailwind CSS** utilities and Hero UI components.
- Optimized frontend performance, including lazy loading, component splitting, and minimizing re-renders.
- Collaborated with UI/UX designers to translate Figma/Adobe XD designs into functional web pages.
- Performed thorough testing of components and pages to ensure accessibility, responsiveness, and consistent user experience.
- Enhanced visual appeal by applying animations, transitions, and interactive UI patterns using Tailwind CSS and Hero UI.

PROJECTS

AI-Powered Shopping Assistance | Bannari Amman Institute Of Technology Jun 2025 - Sep 2025

- Built a shopping platform using **MongoDB** and **React** with features like wishlist, profile, and cart management.
- Designed and implemented **RESTful APIs** for product listings, user profiles, and cart flows.
- Integrated an **AI chatbot** for product discovery, outfit suggestions, and navigation support.
- Ensured secure data handling and optimized backend performance for scalability.

Smart Agriculture Platform – Smart India Hackathon Aug 2025 - Sep 2025

- Developed a Smart Agriculture Platform using **React.js**, **Node.js**, and **Django REST APIs** with AI-powered crop disease detection, yield prediction models (**TensorFlow/PyTorch**), and integrated weather market prediction APIs for real-time farmer insights.
- Led frontend development with a **mobile-first**, accessible interface, dashboards, alerts, and chatbot UI using **React** and **Tailwind CSS**, and deployed on **Google Cloud** with **MongoDB** for scalable rural adoption.

CERTIFICATES

Fundamentals of Generative AI SAWIT.AI Learnathon	Oct - 2024
Introduction to Responsive AI Simplilearn	Sep - 2024
Elements of AI University of Helsinki and MinnaLearn	Apr - 2025
Intellectual Property UTSAV Bannari Amman Institute Of Technology	Apr - 2025
Introduction to C Programming LearnTube.ai	Jun - 2025

PAPER PRESENTATION

AI-Based Healthcare System for Elderly Care | Bannari Amman Institute Of Technology

- Presented an AI-based healthcare prototype assisting elderly care with multilingual voice reminders, missed-dose alerts, emergency ambulance access, and a responsive user interface integrated with backend APIs.

Online Medicine Donation Platform | Bannari Amman Institute Of Technology

- Presented a paper on an Online Medicine Donation Platform to reduce medicine wastage and provide accessible medication, featuring a secure, user-friendly system for tracking and distributing donated medicines.