

SAMPREETHA P

Software Developer — MERN Stack — Java — Problem Solving

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Career Objective

Motivated Computer Technology undergraduate passionate about solving problems, programming, and exploring emerging technologies. Eager to apply analytical skills and technical expertise to contribute to impactful software development initiatives.

Education

Bannari Amman Institute of Technology	2022 - 2026
B.Tech in Computer Technology — CGPA: 8.08 (up to 6th semester)	
Morning Star Higher Secondary School	2021 - 2022
12 th Grade — 82%	
Morning Star Higher Secondary School	2019 - 2020
10 th Grade — 73.2%	

Technical Skills

Programming Languages: Java, C, JavaScript
Web Technologies: React.js, Node.js, Express.js, MongoDB (MERN Stack)
Databases: MySQL, MongoDB
Tools & Platforms: Visual Studio Code, Figma, Canva, PowerPoint
Core Areas: Problem Solving, Web Development, UI/UX Design, REST API Integration, Version Control (Git)

Projects

Alumni Network Platform	MERN Stack
<ul style="list-style-type: none">Designed and implemented a full-stack platform enabling alumni and students to connect, communicate, and participate in campus events.Integrated JWT-based authentication, secure RESTful APIs, and real-time messaging using Socket.io.Developed a responsive React.js frontend and Express.js backend with a scalable MongoDB database.Enhanced user engagement by 30% through an intuitive dashboard and event management system.	
FusionCart Haven	MERN + JWT
<ul style="list-style-type: none">Built a full-featured e-commerce web app supporting product listings, shopping cart, checkout, and user authentication.Implemented JWT token-based login, product filtering, and real-time cart synchronization across sessions.Created modular components in React.js and used Redux for state management.Integrated backend with Express.js and MongoDB Atlas, optimizing database queries for scalability.	

- Developed a social platform combining real-time interaction and collaborative music streaming.
- Integrated Spotify API and other third-party music APIs to fetch personalized recommendations.
- Designed an interactive, responsive React.js UI with live chat and shared listening sessions using Socket.io.
- Implemented JWT-based authentication and role-based access to ensure secure user management.

Co-Curricular Activities

- Presented paper: “Social Media Clone on LinkedIn Website” — BIT Hack’23.
- Finalist in TECHgium 8th Edition for developing innovative solutions for chronic insomnia.

Extra-Curricular Activities

- Student Trainee: Skill Training Program (Java).
- Volunteer: Managed event registrations for Elanza’24 (600+ participants).

Personal Skills

Leadership, Adaptability, Time Management, Communication, Team Collaboration

Languages

English (R/W/S), Tamil (R/W/S), Kannada (S)