

AASHISH S

Computer Science & Engineering Student | Aspiring Software Developer
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PROFILE

Final-year Computer Science and Engineering student (CGPA 8.34) with hands-on experience in full-stack web development and product design through self-driven projects, including NOOL, a startup platform connecting customers with traditional Kerala artisans. Fast learner with strong communication and leadership skills, seeking an entry-level Software Development role.

EDUCATION

B.Tech in Computer Science & Engineering

APJ Abdul Kalam Technological University

Expected 2027

CGPA: 8.34 / 10

PROJECTS

NOOL — Handloom & Embroidery Artisan Marketplace (Final-Year Project) — Full-Stack Web Platform, Market Research 2026

- Co-founding a 4-member team building a platform connecting customers directly with traditional handloom and embroidery artisans across Kerala, addressing market access gaps for GI-tagged clusters such as Chendamangalam, Balaramapuram, and Kuthampully.
- Researched Kerala's handloom ecosystem (Directorate of Handlooms and Textiles, Hantex, Hanveev), designed a 24-question field questionnaire, and built a four-phase roadmap with technical risk flags for an AI design assistant and Design Feasibility Engine.
- Preparing a feasibility study and application for the KSUM (Kerala Startup Mission) Idea Grant.

Skill Swap Platform — React, Node.js/Express, MongoDB, Socket.io, JWT & Google OAuth 2026

- Built a full-stack skill-trading platform (team of 3) where users list skills, get matched, send trade requests, and chat in real time — React + Vite frontend, Express + MongoDB backend.
- Implemented JWT and Google OAuth authentication, a skill marketplace with matching, a trade request workflow (send/accept/reject/complete), real-time chat via Socket.io, and a review/ratings system.
- Wrote 23 automated API and UI test cases using Robot Framework, integrated into a CI workflow, covering auth, skill CRUD, and navigation flows.

Personal Portfolio Website — HTML, CSS, JavaScript, Bootstrap, jQuery 2026

- Designed and built a responsive personal portfolio (aashishs.life) showcasing skills, projects, and resume with a clean, mobile-friendly UI.

Movie Reservation System — HTML, CSS, JavaScript 2025

- Built a web-based movie ticket reservation system as a DBMS mini-project, applying database design and CRUD concepts to model bookings.

SKILLS

Languages: JavaScript, Java, Python, C, SQL

Web Development: React, Node.js/Express, HTML, CSS, Bootstrap, Tailwind, jQuery

Databases & Tools: MongoDB, MySQL, Git, GitHub, VS Code, Socket.io, JWT/OAuth

Testing & CI: Robot Framework, GitHub Actions

Core CS Concepts: Data Structures, DBMS, Operating Systems, Compiler Design, Theory of Computation

Other: Product/UX thinking, market research, technical documentation

LEADERSHIP & ADDITIONAL INFORMATION

- Leading a 4-member team as co-founder of NOOL, coordinating research, design, and grant-application work end to end; strong verbal and written communication skills developed through stakeholder research and technical documentation.
- Actively self-teaches new tools and frameworks; consistently ships personal projects outside coursework.