

ASWIN SANKAR TK

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OBJECTIVE

Entry-level Software Engineer skilled in full-stack development with React, Node.js, Express, and REST API design, with hands-on experience in MongoDB and PostgreSQL. Independently designed, built, and deployed BingeStudy, a real-time AI-integrated collaborative study platform with role-based access control and 10+ REST API routes.

EDUCATION

Bachelor of Computer Applications, Bangalore University

Aug 2023 - Jun 2026

- CGPA: 8.1/10 | Relevant Coursework: Data Structures, Database Management Systems, Software Engineering
- Add-on Program: Cyber Security, Artificial Intelligence, Predictive Analytics

SKILLS

Languages	JavaScript (ES6+), TypeScript, Python(basic), HTML5, CSS3
Frontend	React.js, Next.js, Tailwind CSS, shadcn/ui
Backend & APIs	Node.js, Express.js, REST API Design, JWT Authentication, Google OAuth
Databases	MongoDB, Mongoose, PostgreSQL, Supabase
Tools & Platforms	Git, GitHub, Postman, Vercel, VS Code
AI Tools	Claude Code, Codex, Cursor
Soft Skills	Ownership, Attention to Detail, Problem-Solving, Collaboration, Communication

EXPERIENCE

MERN Stack Developer Intern

Apr 2026 - May 2026

Codec Technologies

Remote

- Delivered a full-stack MERN task management application end-to-end (MongoDB, Express, React, Node.js), implementing JWT-based authentication and complete CRUD workflows for task creation, assignment, and status tracking; completed all deliverables on schedule.
- Collaborated through Git/GitHub workflows to ship a responsive, production-ready UI.

PROJECTS

BingeStudy – AI-Powered Collaborative Study Platform

[GitHub](#) | [Live Demo](#)

Next.js 14, JavaScript, Tailwind CSS, Supabase, PostgreSQL, Google Gemini 2.5 Flash API

- Built a full-stack platform where students create private study groups via unique invite codes, share multi-format resources (PDF, images, audio, docs, URLs), and communicate in real time.
- Implemented Google OAuth and email/password authentication with application-level role-based access control (admin vs. member); manually verified core flows across auth, messaging, and file sharing.
- Integrated Google Gemini 2.5 Flash to power an in-app AI study assistant that answers academic questions contextually within group chats.
- Designed 10+ REST API routes covering authentication, group management, messaging, file uploads, and AI chat.
- Manually tested and debugged core authentication, group, messaging, and file-sharing workflows before Vercel deployment.

CERTIFICATIONS

- **Become a Full Stack Developer** – Great Learning
- **IBM Full Stack Cloud Developer Professional Certificate** – Coursera (*In Progress*)