

Madhav Jangid

Phone: +91 6239102762 | Email: manumadhavjangid@gmail.com | Portfolio: madhavjangid.vercel.app

GitHub: github.com/Madhav-Jangid | LinkedIn: https://linkedin.com/in/madhav-jangid

SUMMARY

Full Stack Software Development Engineer with hands-on experience building high-throughput REST API architectures, asynchronous processing pipelines, and production-ready AI/LLM systems using React, Node.js, and AWS. Proven track record optimizing enterprise application workflows on Agile teams, engineering custom system tools, and implementing complex, automated validation engines that cut latency and manual effort at scale.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, C++, SQL

Frontend: React.js, Next.js, React Native, Redux, Tailwind CSS

Backend: Node.js, Express.js, FastAPI, REST APIs, WebSockets, Microservices

AI & Orchestration: Gemini APIs, LLM Integration, Structured JSON Validation, AI Pipelines

Databases: MongoDB, PostgreSQL, Redis, Firebase Firestore

Cloud & Tools: AWS (ECS, ECR, ALB, S3), Docker, Git, CI/CD Pipelines

Developer Tools: GitHub, VS Code, npm, Postman

Fundamentals: DSA, OOP, DBMS, Computer Networks, System Design, Unit Testing, Agile/Scrum

PROFESSIONAL EXPERIENCE

Voyagex AI

Apr 2026 – Present

Software Development Engineer

- Engineered automated document parsing systems to extract **10+ business-critical fields** from unstructured shipping data, reducing manual operations by **80%**.
- Integrated Gemini API pipelines with robust, production-ready **structured JSON validation** mechanisms to programmatically enforce **30+ enterprise business rules**.
- Architected data transformation systems in cross-functional collaboration with product and AI research tracks, modernizing high-throughput enterprise workflows and cutting data-processing latency by **35%**.

Instep Technologies Private Limited

Jun 2025 – Jan 2026

Full Stack Developer Intern

- Designed and implemented an asynchronous FastAPI inference architecture handling **100+ concurrent requests** across multiple background ML processing nodes.
- Containerized application architecture using Docker and deployed highly scalable backend instances across AWS ECS, ECR, and Application Load Balancers (ALB), cutting deployment time by **60%**.
- Designed and deployed an algorithmic recommendation system using custom-tailored data ranking algorithms to surface more relevant content to users.

PROJECTS

BROCODE | TypeScript, React, Node.js

Live Project

- Authored an independent open-source programming language capturing **50,000+ NPM downloads** by building a custom CLI interpreter environment.
- Developed a complete language compilation suite processing custom code through lexical analysis, structural parsing, AST generation, and performance-optimized JavaScript code generation.
- Engineered a secure sandboxed runtime interpreter and paired it with a clean React-driven UI styled using Tailwind CSS.

LEADERSHIP & ACHIEVEMENTS

- Winner** – BFSOE Startup Tech Competition: Recognized for exceptional technical execution, product architecture planning, and scaling strategy.
- Runner-up** – BFCET Hack 2.0: Placed out of international applicant engineering cohorts in an intensive multi-day development marathon.
- Core Contributor** – Developed scalable, real-time messaging updates and features for a campus platform supporting **1,700+ active users**.

EDUCATION

Baba Farid College of Engineering and Technology

Aug 2022 – Jul 2026

Bachelor of Technology in Computer Science and Engineering

Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming, Database Management Systems, Operating Systems, Computer Networks, System Design