JORJIS HASAN

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Portfolio Linkedin Leetcode Github Dev.to

SKILLS

- TypeScript, JavaScript, Python, React, Next.js, Node.js, Express, tRPC, GraphQL, SQL, MongoDB, Drizzle
- AWS (S3, IAM, VPC), GCP, Docker, Microservices, Distributed Systems, System Design, CI/CD Pipelines, Cloud Security, Linux, Observability

WORK EXPERIENCE

SNP Group: *Software Engineer* **08/2026 – present**

- Spearheaded backend refactor (Express, tRPC, Drizzle ORM, MySQL), improving API response times by ~2x and reducing the codebase by ~30%.
- Designed tRPC API architecture and DevOps pipeline; deployed on Netlify, Railway, and AWS S3 for media storage; OAuth, CORS, and session handling; scalable to 100k+ req/day.
- Built a bilingual CMS for archives, photos, poems, and poets with React 19 and Radix UI, including content workflows and accessibility improvements.

Airkate: *Product Engineer* 01/2022 – 04/2026

- Shipped 30+ production web and mobile applications with React, Node.js, and GraphQL, maintaining 100% client satisfaction across end-to-end product deliveries.
- Designed multi-cloud infrastructure across AWS and GCP using containerized compute, isolated VPC networking, S3 object storage, and automated CI/CD pipelines to sustain high-throughput production workloads.
- Delivered AI-powered features (chatbots, content generation, document analysis, custom AI agents, LLMs) into live platforms from prototype to production, enabling scalable growth for SMBs and startups.

Grameenphone: *SWE Intern* 11/2024 – 04/2025

- Worked on the "BIOSCOPE" gp's flagship OTT streaming platform. During that time, integrated adaptive bitrate streaming (HLS) and optimized CDN asset delivery for VOD.
- Monitored real-time infrastructure telemetry and system health to maintain uptime during peak traffic surges.

Hackerrank: *Problem Contributor* 06/2022 – 09/2024

- Contributed 2 algorithmic problems to the platform, designing problem statements, test cases, and solved 186+ challenges in Python, C++, and JS, ranked in the top 0.1% of JavaScript developers.

PERSONAL PROJECTS

Algokid App | github | algokid.app

Next.js, React, Redux, Framer Motion, TailwindCSS, Context API, Custom Hooks

- Simplified pathfinding algorithms used by tools like Google Maps into kid-friendly interactive visualizations with step-by-step animations.
- Reduced memory usage by ~40% via async execution and GPU offloading for smooth, responsive animations.

Cornflix Movie App | github | cornflix.app

Next.js, React, Redux, Google analytics, Openai, Nodejs, Express, Firebase

- Built an AI movie recommendation platform with OpenAI (GPT-3.5-turbo), TMDB API, and Firebase Auth; 19k active users, 90k events, reach in 50+ countries, 5–10 concurrent users every 30 minutes.
- Implemented full-stack flow: Express REST API for AI recommendations, Firebase Auth, CORS, custom preview-on-hover, YouTube trailer embeds, and Framer Motion animations for a theater-style experience.
- Added multi-language support, Redux state management, custom hooks, and credit system; frontend on Vercel, backend on Render