Md Istiaq Ahmed

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Education

Southeast Missouri State University   Jan 2022 - Dec 2025
Bachelor of Science in Computer Science   Cape Girardeau, MO

Experience

Software Engineer   Oct 2024– Jun 2025
Cran US LLC   Cape Girardeau, MO
- Co-founded and built core product functionality, developing RESTful APIs with Node.js, Express, Supabase, and Clerk for real customer needs.
- Worked directly with clients to refine requirements and rapidly ship reliable, tested features.
- Contributed across the full stack with Next.js and Tailwind CSS, improving UI performance and end-to-end integration.

Operations Center Assistant   Sept 2024– Present
Southeast Missouri State University   Cape Girardeau, MO
- Contributed to workflow improvements and assisted users with clear communication and problem-solving support.

Computer Science Tutor   Jan 2023– Apr 2023
Southeast Missouri State University   Cape Girardeau, MO
- Tutored Python, Java, Unix/Linux, advanced math and Statistics, simplifying complex topics and reinforcing key software development concepts.

Projects

Negotiation AI | Groq AI, Nextjs, Shadcn, Supabasse(PostgreSQL), Vercel   Jan 2025 – May 2025
- Developed an AI-powered negotiation assistant using Groq AI and LLaMA 3.1, designed to simulate real-world scenarios and provide smart feedback.
- Built with Next.js and Tailwind CSS for a responsive, modern user interface featuring a real-time chat experience.
- Integrated PostgreSQL for storing conversation history and delivering personalized coaching based on past interactions.
- Deployed on Vercel with Clerk authentication for secure, scalable, and seamless user access.

Inscript AI | Nextjs, Tailwind, Clerk auth, Express, Nodejs, Gemini API, Drizzle ORM   April 2025– May 2025
- An AI-driven content outlining tool that transforms keywords into structured content ideas.
- Built with Next.js, Clerk, Drizzle ORM, Neon, and Shadcn for a modern, scalable full-stack architecture.
- Implemented real-time user input handling and AI-generated output with seamless GitHub version control integration.

Cran-US | Reactjs, Tailwind CSS, Express, Nodejs, Nodemailer   Oct 2024– Feb 2025
- Developed responsive and dynamic user interfaces using React.js and Tailwind CSS to enhance user experience.
- Built a secure backend with Express and Node.js to handle form submissions and business logic.
- Integrated Nodemailer for reliable and efficient email notifications from user form interactions.

Technical Skills

Languages : Java, Python, C/C++, SQL (Postgres), JavaScript, TypeScript, HTML, Tailwind CSS.
Frameworks : React, Node.js, Nextjs, Material-UI, RestAPI, Shadcn
Developer Tools : Git, GitHub, Docker, VS Code, Figma, Postman