Sabbir Ahmed

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Experience

CTO & Software Engineer, Codemypixel – Remote   Jan 2024 – Present

- With a committed small team, I cultivate active listening and bold goal-setting, harnessing AI to fast-track iteration and produce production-grade MVP software that drives real impact.
- Seek opportunity to optimize engineering processes and culture. Believer in the Growth Mindset.
- Developed projects through pair programming and managed complex SaaS and AI agent initiatives as a Project Manager, overseeing end-to-end planning and roadmap creation for cross-functional teams.
- Managed client relationships & communications with professionalism, consistently achieving successful results.

Full-Stack Developer, Uvoy – Remote   Aug 2024 – Dec 2024

- Developed and maintained a Full-stack E-commerce platform.

Technologies

Languages: Python, Typescript, Node.js, PyTorch, Javascript, C, SQL, LaTeX

Technologies: REST API, Github, Supabase, Next.js, Vercel, Firebase, noSQL, Telnyx, OpenAI, Stripe, Make, n8n, Twilio, Overleaf, Cursor, Claude, Microsoft Graph API, Firebase, MongoDB, Hugging Face, Docker, Canva

Expertise: Machine Learning, Data Analysis, Vibe coding, Prompt Engineering, Model Context Protocol (MCP), Retrieval-Augmented Generation (RAG), AI Agent, Low Code

Projects

Topfloor Trends SAAS (UK)   More info

- Worked closely with the developer for an end-to-end SaaS platform for creators, automating content repurposing and multi-platform publishing. Owned product delivery, integrated Google Ads API to reduce campaign deployment to under 60 seconds, and built an AI pipeline with Vizard's API to automatically convert 180 minutes of footage into 20+ short reels with subtitles, effects, and one-click cross-posting.

Devrachtpatser Onvyo ERP (EU)   Public CPQ Tool

- Collaborated with the team to develop a ERP system from scratch with real-time admin dashboards for HR, finance, lead, and customer management, integrating scheduling, email reminders, and a CPQ tool that automated lead generation and quotations to boost sales efficiency, while I guided my team in understanding client needs and shaping an intuitive, high-performing experience.

TextGPT & IQR.code SMS (USA)   More Info

- Developed a SaaS app powered by RAG and integrated Telnyx as the core SMS channel, enabling customers to instantly start conversations with product-specific AI agents by scanning a QR code, while businesses manage and launch these agents from a central dashboard for seamless B2B and B2C engagement.

AI-Powered Lead Automation System (EU)

- Designed and developed a low-code system using Make, Twilio, and Google APIs to process leads from email and WhatsApp. The system intelligently schedules over 500 qualified sales appointments per month, saving sales staff 2-3 hours daily.

3D Deep Learning for Brain Lesion Detection with YOLO & U-Net   github.com/BTDUY

- Researched 3D medical image segmentation using YOLO & U-Net in PyTorch. Optimized data pipelines for multi-modal MRI and PET scans to improve lesion detection accuracy.

Uvoy E-commerce platform (BD)   Live Link

- Developed a full-stack e-commerce platform for a local fashion brand, featuring user and admin dashboards, multi-channel payments, and scalable order management.

Education

Green University of Bangladesh, BS in Computer Science and Engineering   Feb 2022 – Feb 2026

Leadership and Volunteering Activities

- **IEEE Student Branch GUB**, Executive Committee Member
  - Glad to be selected as IEEE Student Branch GUB chapter **Best Executive** of the Year
  - Organized, photographed, and designed for over 25 high-profile events within a single year as a core volunteer contributor.
- **Green University Photography Club**, General Secretary
  - My work has stretched from **organizing the committee** and serving as the key organizer of numerous creative events, including exhibitions, competitions, and workshops.
- **Participated in AI Agent Hackathons and Programming Competitions**

Certifications

Google Data Analytics Specialization   Feb 2024

Coursera, *9 course series*, by Google Career Certificates

Hugging Face AI Agents Fundamentals   Feb 2025

IBM PY0101EN: Python 101 for Data Science   Aug 2023