SAJID ZAKARIA

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WORK EXPERIENCE

Software Engineer · re:tune (Remote, US-Based Startup) 01/2025 – Present

- Built a full-stack AI coaching platform with **React/TypeScript**; architected a scalable backend and modular system design; engineered **30+ API endpoints** and payment workflows; grew ARR from near $0 to **$19K+** in 2 months
- Reduced load times by **5x**, improved uptime to **99.99%**, and optimized DB operations by **40x** (saving **2B row reads/month**)
- Integrated multimodal AI (**LLM, TTS, STT, and Image Generation**) and real time voice via **Vapi**; optimized LLM usage with request tuning and provider-specific **explicit caching** and cutting **LLM API costs by ~54%**
- Orchestrated a live **knowledge-ingestion and RAG retrieval** pipeline (Google Drive → **chunking/PII redaction** → **embeddings**) using **libSQL/Turso** native vector search to power contextual coaching interactions
- Delivered an **iOS mobile app** with native **Sign In with Apple**, OAuth integration, and an **In-App Purchase (IAP)** system with server-side receipt verification and streamlined subscription management via **ASSN (V2)**

Full-Stack Developer · OrderE (Contract) 09/2024 – 10/2024

- Shipped v2 of an e-commerce platform used by **500+ client businesses**, generating **£6.1M** in sales in 10 months
- Boosted performance with efficient algorithms and Next.js SSG/ISR, cutting page load times by **3x**

TECHNICAL SKILLS

Languages: C/C++ (expert), Python (expert), Java, Kotlin, JavaScript/TypeScript (proficient)

Web: HTML5, CSS3, Django, FastAPI, Express.js, React, Next.js, SvelteKit, Tailwind CSS, MUI, shadcn/ui

Databases: MySQL, MongoDB, Firebase, SQLite, PostgreSQL, SurrealDB, libSQL/Turso

Cloud & DevOps: AWS, Azure, Docker, Heroku, Fly.io, GitHub Actions (CI/CD), Linux/Bash

Problem Solving: Expert in Data Structures and Algorithms; solved over **3,500 problems** on coding platforms

EDUCATION

Bachelor of Science in Computer Science and Engineering 02/2020 – 10/2025

Shahjalal University of Science and Technology, Sylhet, Bangladesh CGPA: 3.40

ACHIEVEMENTS

- **2x ICPC Asia West Finalist** (2022, 2025)
- **Meta Hacker Cup** Awardee (2018, 2023, 2024)
- **6th place**, ICPC Regional (Dhaka Site), 2022
- **Champion**, BUET Inter-University Programming Contest
- **Champion**, IUT Inter-University Programming Contest
- 4th, National Collegiate Programming Contest (NCPC)
- 4th, SUST Inter University Programming Contest
- 5th, CUET Inter University Programming Contest 2024
- Top 50, **Samsung R&D BD** Code Contest 2024
- **Candidate Master** on Codeforces (top 6% globally)
- **6 stars** on CodeChef (top 1% globally)
- Honorable Mention, National Physics Olympiad (2017)

PROJECTS

ST3-CP-Environment ↗ GitHub

- Powerful programming environment for Windows
- System-level automation using **PowerShell** and **Batch scripts** to streamline build and execution workflows
- **40+ stars** on GitHub

LocateCrew ↗ GitHub

- Real-time crew-tracking Android app with **Kotlin** and **Jetpack Compose**; leveraged Firebase for authentication and push notifications
- Enhanced team visibility and safety through live location sharing and messaging alerts

PixelPro ↗ GitHub

- Desktop image editor using **Java & JavaFX** framework
- Features: brightness/contrast adjustment, crop/resize, blur effects, freehand drawing, and text overlay
- Comprehensive implementation of event handling, graphics processing, and imaging APIs

SUST App ↗ GitHub

- Full-stack university management platform with **SvelteKit** and **SurrealDB**
- Student admissions, tuition records, course scheduling, attendance tracking, and a comprehensive student portal