Md. Zahid Hasan Mozumder

jahidhasanmozumder@gmail.com • +8801783348759 • zahidhasanmozumder.com
linkedin.com/in/zahid-hasan-mozumder • github.com/Zahid-Hasan-Mozumder

Summary

AI native Full Stack Engineer with 3+ years proven expertise in designing and building **scalable, high-performance systems**. Experienced in **cloud-native architectures**, **microservices**, and **SaaS platforms**, with strong skills in **NestJS**, **Spring Boot**, **PostgreSQL**, and **MongoDB**. Adept at translating complex business requirements into **robust, maintainable APIs** and optimizing systems for **efficiency, reliability, and scalability**. Passionate about leveraging **modern technologies** to drive software innovation and deliver **high-quality solutions** in production environments.

Experience

Senior Full Stack Developer — Dhaka, BD
Get Levrg — *Oct 2026 - Present*

- Improved **landing-page conversion rates by 20%** through HubSpot workflow optimization.
- Developed **6+ HubSpot landing pages**, generating **150+ qualified leads**.
- Worked on **GTM with 15+ conversion events** for accurate campaign tracking and analytics.
- Achieved **90%+ lead-source attribution** through HubSpot and analytics integrations.
- Improved **WordPress performance by 30%**, enhancing SEO and user experience.
- Reduced **manual lead-management effort by 35%** through workflow automation.

Software Engineer II — Remote
Buzfi LLC — *Jan 2026 - Sep 2026*

- Built **HIPAA-compliant** HealthTech backends with secure data handling and audit logging.
- Developed scalable **REST** and **GraphQL APIs** for core platforms and admin systems.
- Created a real-time transport and booking **SaaS platform** with lifecycle tracking.
- Designed **microservices** using **gRPC** for efficient inter-service communication.
- Implemented **event-driven architectures** with **RabbitMQ** and **Kafka**.
- Integrated **Stripe payments**, achieving near-zero disputes and reliable transactions.
- Built an **AI-powered OCR pipeline** using **OpenAI** for automated document processing under **HIPAA** and **BAA** compliance.
- Managed production deployments using **Docker**, **Nginx**, and **SSL** with **99.9% uptime**.
- Collaborated with **clients** and stakeholders to deliver features on time.

Junior Software Engineer — Dhaka, BD
Genesys Softwares LLC — *Jan 2025 - Jan 2026*

- Engineered **RESTful** and **GraphQL APIs** using **NestJS**, improving response latency by 35%.
- Built a **hybrid data layer** with **PostgreSQL**, **Prisma**, and **MongoDB** for high-performance storage and retrieval.
- Integrated APIs: **Shopify**, **Stripe**, **NetSuite**, **Routific**, **Amazon SP-API**, automating 80% of workflows.
- Implemented **E2E and API tests** with **Cypress**, ensuring 99% production reliability.
- Leveraged **AWS S3** for asset storage, improving media load times by 45%.
- Containerized services with **Docker** and automated CI/CD via **GitHub Actions**.
- Managed production on **AWS EC2**, configured DNS via **Route 53**, and set up **Nginx reverse proxy** for high availability.

Software Engineer Intern — Dhaka, BD
Battery Low Interactive Ltd. — *Apr 2024 - Jul 2024*

- Developed full-stack web applications, focusing on backend systems with **NestJS**, **PostgreSQL**, and **Prisma ORM**.
- Implemented **JWT & RBAC** authentication, eliminating unauthorized access incidents.
- Built modular **React** components with **Redux**, improving frontend maintainability by 35%.
- Integrated **React Router DOM** for seamless client-side navigation and UX.
- Optimized **database queries, indexes, and caching**, reducing server load by 45% and improving API response.
- Collaborated with designers, QA, and PMs under **Agile** workflows to deliver production-ready features.

Data Annotator — Remote
Scale AI — *Aug 2023 - Feb 2024*

- Annotated large-scale datasets including text, images, and audio to **support machine learning model training and evaluation**.
- Applied detailed labeling guidelines to ensure high-quality, consistent, and accurate annotations across datasets.
- Performed data validation and quality assurance checks, reducing labeling errors and improving dataset reliability.
- Collaborated with data scientists and ML engineers to refine annotation strategies and improve model performance.
- Managed and organized datasets efficiently using annotation tools and platforms, ensuring timely project delivery.

Programming Trainer — *Feb 2023 - Jun 2023*
Green University of Bangladesh

- Mentored 40+ students in algorithmic **problem-solving** and **competitive programming**.
- Boosted university contest participation by 25% through tailored training sessions.

Projects

AI Powered Comic Generation Web App — *comicing.studio*

Full-stack AI-powered comic generation platform built with **Next.js**, **NestJS**, and **PostgreSQL**, integrating **OpenAI**, **Hugging Face**, and **LangChain** to generate stories, dialogues, characters, and comic panels. Implemented secure payment processing with **Lemon Squeezy**, containerized deployment using **Docker**, automated **CI/CD** pipelines, and cloud hosting to ensure scalable, secure, and high-performance production envi-

ronments.

Real-Time Chat Application *go-chat.online*

Full-stack messaging application built with **React.js**, **WebSockets**, **Spring Boot**, and **PostgreSQL**, featuring **JWT-based authentication**, role-based access control, and automated CI/CD with **Docker**, **Render** and **Neon**. Optimized message delivery in both private and group chats.

Skills

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

Frameworks & Libraries: React, Redux, Node.js, Express, Nest.js, Next.js, Spring Boot

API & Integration: REST APIs, GraphQL, gRPC, OpenAI API, Third-Party APIs (HubSpot, Shopify, Stripe, NetSuite, Routific, Amazon SP-API), Hugging Face, LangChain, RAG, WordPress

Databases & ORM: MySQL, PostgreSQL, MongoDB, Prisma, Drizzle, Mongoose, JPA/Hibernate, ChromaDB

Cloud, DevOps & Tools: BullMQ, RabbitMQ, Apache Kafka, AWS (EC2, LightSail, S3, Route 53), Docker, CI/CD, Git/GitHub, Nginx, Elasticsearch, Linux

Security & Auth: JWT, OAuth 2.0, OpenID Connect, SSO

Testing & Automation: Postman, Swagger, Cypress, Bruno

Education

Green University of Bangladesh Dhaka, BD
BSc in Computer Science and Engineering *Sep 2020 - Nov 2024*

- CGPA: 3.33/4.00
- **Merit Awards:** Vice Chancellor Awards (Fall 2020, Summer 2021, Fall 2021), Dean's Award (Spring 2021)
- **Conference Paper:** Optimizing Carboxymethyl Cellulose (CMC) Production: A Metaheuristic Algorithm Approach. [DOI: *10.1109/ICCIT64611.2024.11022351*]

Activities

- Problem Tester at PSTU Intra University Programming Contest 2024
- Champion – GUB IDPC 2023 (Individual), 2nd Runner-Up – GUB IDPC 2024 (Team)
- 2x ACM ICPC Dhaka Regionalist
- 1x NCPC - 9x IUPC - 3x Hackathon Participant
- Codeforces Specialist (Max Rating: 1492, Contest: 100+), CodeChef 4-Star Coder (Max Rating: 1834, Contest: 40+)

Certifications

AI Engineer Core Track: LLM Engineering, RAG, QLoRA & Agents **Jul 2026**
Ed Donner — Udemy Credential ID

- Built and deployed practical AI applications by integrating large language models, vector databases, retrieval pipelines, model fine-tuning workflows, and autonomous agent architectures to solve real-world tasks.

Spring Boot 3, Spring 6 & Hibernate **Aug 2024**
Chad Darby — Udemy Credential ID

- Gained hands-on experience in building enterprise-grade Java applications using Spring Boot 3, Spring 6, and Hibernate, including RESTful API development, dependency injection, data persistence with JPA/Hibernate, transaction management, validation, and database integration following modern backend development practices.

Supervised Machine Learning: Regression and Classification **Jan 2024**
Andrew Ng — Coursera Credential ID

- Developed and evaluated supervised learning models using regression and classification techniques, gaining hands-on experience in feature engineering, model training, performance metrics, overfitting prevention, and data-driven prediction with Python.