

Sarker Sunzid Mahmud

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Profiles: GitHub | LinkedIn | Website
Languages: English (C1), German (A2 – actively improving)



PROFESSIONAL SUMMARY

Full Stack Developer with 5+ years of experience delivering reliable and scalable web applications with Laravel, Node.js, React, Angular, and TypeScript. I specialize in API development, performance optimization, and GDPR-compliant data handling. Experienced with Generative AI, I work best in collaborative teams and focus on building practical, long-lasting solutions.

TECHNICAL SKILLS

Backend: PHP (Laravel, Symfony), Node.js (Express.js), RESTful API, GraphQL, Microservices, GDPR-compliant data handling, Apache Kafka

Frontend: React, Angular, TypeScript, JavaScript, HTML, CSS

Databases: MySQL (schema design, query optimization), MongoDB, Vector Databases (Chroma)

Testing & Quality: PHPUnit, Jest, API testing, Code Reviews, SOLID principles, Clean Architecture

DevOps & Cloud: Docker, Kubernetes, CI/CD (GitHub Actions), Agile/Scrum

Applied GenAI: Prompt Engineering, LangChain, LLM application integration

AI Productivity & Prompting: ChatGPT, NotebookLM, Gemini, Perplexity, Grok, Claude

Creative & Media Tools: Canva (design), CapCut (video editing), ElevenLabs (AI voice), AI-assisted content production

Tools & Collaboration: Git, Jira, Linux

WORK EXPERIENCE

Atflow GmbH

Sept. 2025 – Dec. 025

Full Stack Developer (Part-time) — Hamburg, Germany

- Developed task and time tracking features with Laravel and React, enabling calendar-based hour allocation and accurate client billing.
- Optimized DATEV-based billing workflows using task-time analytics, Agile sprints, and GitHub code reviews, reducing errors by 20%.

Konnektivität & Kommunikation GmbH

Aug. 2021 – May 2025

Full Stack Developer (Part-time) — Hamm, Germany

- Reduced RESTful API response times by 30% through caching and endpoint optimization using PHP Slim.
- Improved reporting performance by 25% via MySQL schema and index optimization, lowering query execution time.
- Developed and maintained Angular-based internal web applications, reducing manual reporting effort by 40% for cross-functional teams.

Echologyx

Software Engineer — Dhaka, Bangladesh

Oct. 2020 – May 2021

- Reduced page load times by 15% by optimizing JavaScript and CSS delivery and removing render-blocking resources.
- Increased conversion rates by up to 25% through A/B and multivariate testing using Optimizely, VWO, and Google Optimize.

REPTO Education Center

Software Engineer — Dhaka, Bangladesh

May 2019 – May 2020

- Designed and scaled backend systems using Laravel, MySQL, and REST APIs to support an e-learning platform with 50,000+ users.
- Integrated job boards, exam systems, and premium memberships with SSLCommerz payments, increasing user engagement by 35%.
- Applied SOLID principles and structured code reviews to maintain clean architecture and reduce production issues.

Cloudwell Limited (PayWell)

Web Developer — Dhaka, Bangladesh

Oct. 2017 – Mar. 2019

- Built secure, high-volume payment processing services in PHP, handling thousands of daily transactions.
- Automated sales reporting and dashboard generation using cron-based Excel integrations, reducing manual effort by 50%.

PROJECTS

- **News Aggregator:** Full-stack Laravel 12 + React platform aggregating multi-source news via scheduled ingestion and RESTful APIs.
- **Dev Connector:** Created a developer social network using React, Node.js, and MongoDB with JWT authentication, user profiles, and interactions for community building.
- **Daylight Exposure Analysis:** Performed logistic regression and ROC analysis on sensor data using Python and scikit-learn to identify optimal daylight thresholds.

EDUCATION

Master's Degree | Data Science

Technical University Dortmund (TU Dortmund)

Ongoing

Dortmund, Germany

Bachelor of Science (B.Sc.) | Computer Science and Engineering

American International University-Bangladesh (AIUB)

2015 – 2018

German Equivalent Grade: 1.8

Dhaka, Bangladesh

CERTIFICATES

- Cloud-Native Architecture, DevOps & NoSQL Foundations (IBM) 2025
- Kubernetes for Developers — Core Concepts & Workloads 2025
- Docker — Containerization with Hands-On Practice 2025
- Generative AI Application Development — Foundations & Prompt Engineering (IBM) 2025
- Build RAG Applications (IBM) 2025
- Apache Kafka — Distributed Event Streaming & Messaging 2025