

# Sarker Sunzid Mahmud

**Location:** Dortmund, Germany (Open to relocate)  
**Email:** sunzid02@gmail.com  
**Phone:** +49 15750741122  
**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.

<b>Echologyx</b> <i>Software Engineer</i> — Dhaka, Bangladesh	Oct. 2020 – May 2021
<ul style="list-style-type: none"> <li>Reduced page load times by 15% by optimizing JavaScript and CSS delivery and removing render-blocking resources.</li> <li>Increased conversion rates by up to 25% through A/B and multivariate testing using Optimizely, VWO, and Google Optimize.</li> </ul>	

<b>REPTO Education Center</b> <i>Software Engineer</i> — Dhaka, Bangladesh	May 2019 – May 2020
<ul style="list-style-type: none"> <li>Designed and scaled backend systems using Laravel, MySQL, and REST APIs to support an e-learning platform with 50,000+ users.</li> <li>Integrated job boards, exam systems, and premium memberships with SSLCommerz payments, increasing user engagement by 35%.</li> <li>Applied SOLID principles and structured code reviews to maintain clean architecture and reduce production issues.</li> </ul>	

<b>Cloudwell Limited (PayWell)</b> <i>Web Developer</i> — Dhaka, Bangladesh	Oct. 2017 – Mar. 2019
<ul style="list-style-type: none"> <li>Built secure, high-volume payment processing services in PHP, handling thousands of daily transactions.</li> <li>Automated sales reporting and dashboard generation using cron-based Excel integrations, reducing manual effort by 50%.</li> </ul>	

## PROJECTS

<ul style="list-style-type: none"> <li><b>News Aggregator:</b> Full-stack Laravel 12 + React platform aggregating multi-source news via scheduled ingestion and RESTful APIs.</li> <li><b>Dev Connector:</b> Created a developer social network using React, Node.js, and MongoDB with JWT authentication, user profiles, and interactions for community building.</li> <li><b>Daylight Exposure Analysis:</b> Performed logistic regression and ROC analysis on sensor data using Python and scikit-learn to identify optimal daylight thresholds.</li> </ul>	
--	--

## EDUCATION

<b>Master’s Degree   Data Science</b> Technical University Dortmund (TU Dortmund)	Ongoing Dortmund, Germany
<b>Bachelor of Science (B.Sc.)   Computer Science and Engineering</b> American International University-Bangladesh (AIUB) German Equivalent Grade: 1.8	2015 – 2018 Dhaka, Bangladesh

## CERTIFICATES

<ul style="list-style-type: none"> <li>Cloud-Native Architecture, DevOps &amp; NoSQL Foundations (IBM)</li> </ul>	2025
<ul style="list-style-type: none"> <li>Kubernetes for Developers — Core Concepts &amp; Workloads</li> </ul>	2025
<ul style="list-style-type: none"> <li>Docker — Containerization with Hands-On Practice</li> </ul>	2025
<ul style="list-style-type: none"> <li>Generative AI Application Development — Foundations &amp; Prompt Engineering (IBM)</li> </ul>	2025
<ul style="list-style-type: none"> <li>Build RAG Applications (IBM)</li> </ul>	2025
<ul style="list-style-type: none"> <li>Apache Kafka — Distributed Event Streaming &amp; Messaging</li> </ul>	2025