

# Ariful Hasan

Backend / Full-Stack Engineer |  GitHub |  LinkedIn

✉ arifhasan.mbstu@gmail.com 📞 +49 176 67820043 📍 Mülheim an der Ruhr, Germany



## Personal Details

- 🇬🇧 Bangladeshi
- 🇪🇺 EU Blue Card
- ❤️ Married
- 🗣️ English – C1  
German – A2 (improving)

## Core Competencies

### Backend Development

- PHP 8+ · Laravel · Symfony
- Slim · CodeIgniter · Lumen
- Node.js · Express.js

### APIs & Services

- REST · SOAP · GraphQL
- RabbitMQ · Microservices
- Mailhog · MinIO
- Stripe · Facebook / Microsoft Graph API

### Security & DevOps

- Docker · Kubernetes · AWS
- CI/CD · HashiCorp Vault
- GitLab · GitHub Actions
- Nginx · Apache · Bitbucket
- Grafana · Prometheus · Loki

### Database & Caching

- MySQL · MongoDB · Redis
- Elasticsearch

### Frontend Development

- Angular · React · Vue
- JavaScript · jQuery · WebRTC
- TypeScript · HTML5 / CSS3
- Bootstrap · TailwindCSS

### Methodologies

- Agile/Scrum · TDD · DDD
- Design Patterns · SOLID

### Development & AI Tools

- Cursor AI · VS Code · PHPStorm
- Jira · Confluence · Slack

## Education

### B.Sc. in Information and Communication Technology

Mawlana Bhashani Science & Technology University  
Bangladesh | 2014

## Key Achievements

- +30% dev efficiency via AI workflows
- -25% cart abandonment (checkout)
- Built full WebRTC platform from scratch
- High-security banking APIs: NPSB, bKash
- Tech Lead across multiple products

## Professional Summary

Senior Full-Stack Engineer with **8+ years** of experience in scalable backend architecture and high-security Fintech environments. Expert in **PHP 8.4** (Laravel / Symfony / Slim) and **Node.js** (Express.js), RabbitMQ, and AWS. Proven track record of increasing development efficiency by **30%** and delivering high-performance, business-aligned solutions.

## Experience

### Full-Stack Software Developer

Funanga | Berlin, Germany | Apr 2024 – Present

- **Platform Modernization:** Upgraded core Fintech systems to PHP 8.4 and Node.js; implemented RabbitMQ and Redis caching to significantly enhance scalability and performance.
- **AI-Driven Development:** Boosted development efficiency by **30%** through the strategic use of Cursor AI for rapid code generation, debugging, and refactoring of legacy systems.
- **Cloud & Infrastructure:** Managing containerized microservices (Slim, Laravel, Symfony) using AWS (S3, CloudWatch, IAM) within a high-availability Fintech environment.
- **Business Intelligence:** Developed advanced Metabase dashboards and complex SQL queries to deliver critical financial insights and data analytics to stakeholders.
- **Frontend & UX:** Engineered modern Angular-based interfaces to streamline financial workflows and improve the overall user experience.
- **DevOps & Quality:** Optimized GitLab CI/CD pipelines and maintained comprehensive test suites to increase deployment frequency and ensure code stability.

### Software Engineer

Archibo | Langen, Germany | Sep 2022 – Jan 2024

- **SaaS Development (Agilibo):** Engineered core features for an Agile project management platform, supporting Scrum and Kanban methodologies using Laravel 8, Vue.js, and Redis.
- **Fintech & Conversion:** Led the Stripe payment gateway integration; optimized the checkout architecture, resulting in a **25% reduction in cart abandonment**.
- **Performance Engineering:** Researched and implemented scalable modules for data extraction and indexing, significantly improving application performance and UX.
- **Agile & DevOps:** Delivered production-ready code using Docker and GitLab CI/CD, maintaining high code quality through PHPUnit testing.
- **Stakeholder Management:** Translated complex business requirements into technical specifications and provided quarterly progress reports to executive management.

*Career Break (Jul 2021 – Sep 2022): Marriage, EU Blue Card process & relocation to Germany. German language studies.*

### Software Engineer

Genuity Systems Ltd | Dhaka, Bangladesh | Dec 2015 – Jun 2021

*Started as Intern (Dec 2015 – Mar 2016), promoted to Software Engineer (Apr 2016)*

- **Development & Architecture:** Engineered and optimized scalable web applications using PHP (Laravel, Symfony, CodeIgniter, Node.js) and microservices-based architectures; developed core modules and pricing engines for Cloud PBX systems.
- **Technical Leadership:** Acted as Lead Developer for the gPlex Email Module and gSchool Management System; responsible for full lifecycle ownership including database schema design, core backend development, and mentoring junior engineers.
- **Fintech & API Integration:** Developed high-security APIs for Dhaka Bank (NPSB, bKash) and implemented SSL Commerz payment gateway; built backend services for multi-platform social media integration (Facebook, Instagram, WhatsApp Graph APIs).
- **Real-time Communication:** Built “Teligram,” a full-stack communication platform utilizing WebRTC for real-time audio, video, and text synchronization.
- **Enterprise Solutions (ERP/CRM):** Designed modular ERP components for Real Estate and Inventory Management, focusing on automated invoicing, purchase tracking, and complex business logic.
- **Cross-functional Collaboration:** Worked closely with QA, project managers, and clients to resolve technical issues and ensure continuous product improvement in agile environments.