

Md. Mahmudul Hassan

Software Engineer | Backend Developer | Full Stack Developer
[Website](#) | [GitHub](#) | [Linkedin](#) | Dhaka, Bangladesh
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Professional Summary:

Results-oriented Software Engineer with 6+ years of experience in full-stack software development, focused on building scalable, secure, and high-performance software solutions. Experienced in software architecture, system design, performance optimization, and developing reliable solutions for complex business requirements. Strongly focused on AI-driven software development, leveraging AI tools, APIs, and intelligent workflows to enhance development efficiency, automate processes, improve problem-solving, and accelerate the software development lifecycle. Passionate about emerging technologies, continuous learning, and combining software engineering principles with AI to build smarter, more efficient, and scalable solutions.

Technical Skill:

- **AI & AI-Assisted Development:** AI-powered development tools, AI API integration, intelligent workflows, prompt engineering, AI-assisted software development
- **Programming Languages:** PHP, JavaScript, TypeScript, Python
- **Frameworks & Libraries:** Laravel, Symfony, CodeIgniter, Laminas, FastAPI, Vue.js, React, Next.js, Node.js
- **Web Development:** HTML5, CSS3, Tailwind CSS, Bootstrap, jQuery, Inertia.js
- **Database & Data Management:** MySQL, PostgreSQL, MariaDB, SQLite, Redis
- **API & Integrations:** RESTful APIs, API Design, Payment Gateway Integration, SMTP, Third-party API Integrations, Webhooks
- **Cloud & DevOps:** AWS, Docker, CI/CD Pipelines, Server Deployment, cPanel, Plesk
- **Version Control:** Git, GitHub, GitLab, Bitbucket
- **Testing & Debugging:** PHPUnit, Pest, Xdebug, Chrome DevTools, API Testing
- **Security:** API Security, Authentication & Authorization, Data Protection, Secure Application Development
- **CMS:** WordPress, Custom Themes & Plugins
- **Project Management:** Jira, Trello, Asana, Slack, ClickUp
- **Documentation:** Software Requirements Specification (SRS), Technical Documentation, API Documentation
- **Development Tools:** Postman, Laragon, XAMPP, Cursor, Antigravity IDE, GitHub Copilot

Professional Qualification:

Software Engineer

Bangladesh Association of Software and Information Services (BASIS)
Dhaka, Bangladesh | June 2023 – Present

- Developed and upgraded websites to meet industry standards.
- Wrote clean, maintainable code adhering to coding best practices.
- Collaborated with senior developers to analyze and implement project requirements.
- Enhanced software performance, scalability, and efficiency.
- Assisted in software troubleshooting, debugging, and documentation.

Laravel Developer

Luminous Labs

Dhaka, Bangladesh | May 2022 – May 2023

- Developed and deployed web applications using Laravel framework.
- Built server-side logic and ensured security standards.
- Collaborated with cross-functional teams to speed up development processes.
- Conducted unit testing, debugging, and code reviews.
- Integrated APIs and managed MySQL databases.

Software Developer

BugsBD Limited

Dhaka, Bangladesh | Dec 2020 – Apr 2022

- Improved software systems, fixed errors, and upgraded interfaces.
- Led system testing and validation processes.
- Collaborated with customers and engineering teams to address technical issues.
- Developed software based on scientific analysis and project specifications.

Junior Software Developer

IQSA Soft

Dhaka, Bangladesh | Apr 2019 – Nov 2020

- Improved software systems, fixed errors, and upgraded interfaces.
- Led system testing and validation processes.
- Collaborated with customers and engineering teams to address technical issues.
- Developed software based on scientific analysis and project specifications.

Education

- **M.Sc. in Software Engineering** — Daffodil International University (2023)
- **B.Sc. in Software Engineering** — Daffodil International University (2021)
- **HSC (Science)** — Govt. Shahid Bulbul College, Rajshahi Board (2015)
- **SSC (Science)** — Pabna Zilla School, Rajshahi Board (2013)

Certifications & Training

- Workshop on Insight of Cyber Security Research — DIU Cyber Security Center
- Basic Cyber Security Course — DIU ISACA Student Group (2018)
- Laravel and Postman Rest API Development — Udemy
- Mastering Professional PHP Development — Udemy
- Web Development Professional Certification — Institute of Management, Technology and Finance
- Professional in TailwindCSS — Udemy
- Blockchain Professional Certification — Institute of Management, Technology and Finance
- Cloud Service Management Using Amazon Web Services — SEIP, BITM & BASIS
- Scrum Master Certification — Agile Enterprise Coach
- Project Management Professional Certification — Institute of Management, Technology and Finance

Achievements

- 1st Runner-up, DIU ICT Carnival Idea Contest (2019) – Project: DIU Club Organizer

Soft Skills

- Team Collaboration | Leadership | Problem-Solving | Communication | Time Management | Analytical Thinking | Continuous Learning | Adaptability | Critical Thinking | Creativity | Emotional Intelligence | Conflict Resolution | Decision Making | Active Listening | Stress Management | Organizational Skills | Negotiation | Self-Motivation | Attention to Detail | Innovation | Strategic Planning | Flexibility | Work Ethic

Languages

- English: Fluent | Bengali: Native | Hindi: Conversational

Declaration:

I hereby declare that all above-mentioned information is in accordance with fact or truth up to my knowledge and I bear the responsibilities for the correctness of the above-mentioned particular.



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