

TALUKDER MAKIDUDDIN MOULIN

SUMMARY

Detail-oriented Full Stack Developer with 4+ years of experience designing, developing, and maintaining scalable web applications using PHP and Laravel. Strong background in RESTful API design, MySQL performance optimization, application security, and React/Next.js integration. Experienced in leading backend workstreams, reviewing code, mentoring junior developers, and using AI-assisted development tools to deliver reliable, production-ready software faster.

EXPERIENCE

Full Stack Developer, 08/2022 - Current
The Soft King Limited

- Developed and maintained multiple production-level web applications using PHP, Laravel, and REST APIs.
- Designed and documented REST APIs with token-based authentication (Sanctum/JWT) for React and Next.js frontends.
- Designed and implemented secure authentication, role-based access control, and payment integrations, following OWASP security practices.
- Optimized MySQL performance using slow-query analysis, EXPLAIN, indexing, and schema improvements; ran migrations safely on live data.
- Implemented Laravel queues, events, and caching to improve the response time and stability of production applications.
- Integrated third-party services including payment and SMS gateways.
- Reviewed code and mentored junior developers on coding standards, Git workflow, and best practices.
- Managed releases using Git branching strategies, resolving conflicts and cherry-picking fixes across branches.
- Used AI coding tools (Cursor, Claude Code, GitHub Copilot) to speed up delivery while reviewing output for correctness and security.
- Collaborated with designers, product owners, and clients to convert business needs into technical solutions.
- **Selected Projects:**
 - Bus Booking System — <http://web-moulin.com/busbooking/>
 - E-commerce Platform — <http://web-moulin.com/ecommerce/>
 - Tcash (Digital Payment System) — <http://web-moulin.com/tcash/>
 - Lottery Platform — <http://web-moulin.com/lottery/>

Full Stack Developer, 01/2022 - 07/2022
Wardan Tech Limited

- Built and enhanced business applications, including e-commerce and POS-related systems.
- Worked on both front-end and back-end modules, integrating Laravel APIs with React-based interfaces.
- Debugged and resolved production issues across application and database layers to improve system reliability.
- **Selected Projects:**
 - Online Shop — <http://web-moulin.com/online-shop/public/>
 - BDTech (Products, Sales & POS) — <http://web-moulin.com/bdttech/login> (Demo access available upon request)



CONTACT

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NETWORKS

LinkedIn:

linkedin.com/in/moulin-talukder

GitHub:

github.com/Moulin-Talukder

Portfolio:

web-moulin.com

SKILLS

Backend

PHP (OOP, SOLID, Design Patterns), Laravel (Eloquent, Queues, Events, Middleware, API Resources), Node.js, Express, NestJS, TypeScript

API & Security

RESTful API Design, Sanctum / Passport / JWT, Role-Based Access Control, OWASP Top 10

Database

MySQL (Query Optimization, Indexing, EXPLAIN, Transactions), PostgreSQL, MongoDB

Frontend

React.js, Next.js, Blade, HTML5, CSS3

DevOps & Tools

Git (Branching, Rebase, Cherry-pick), GitHub, Docker, Nginx / Apache, Linux, CI/CD

Testing

PHPUnit, Pest, Jest

AI-Assisted Development

Cursor, Claude Code, GitHub Copilot

Other

Caching, Profiling, Payment & SMS Gateway Integration, Code Review, Mentoring, SDLC, Agile, MVC

Intern → Junior Software Developer, 11/2020 - 12/2021

Kodeeo Limited

- Started as an intern and promoted to Junior Developer based on performance and contribution.
 - Led development of a pharmacy POS and inventory management system, from requirement analysis to delivery.
 - Gained hands-on experience in the full software development lifecycle and client delivery.
 - **Selected Projects:**
 - POS & Inventory — <https://my.web-moulin.com/pos-inventory/> (Demo access available upon request)
 - Hospital Management System — <http://web-moulin.com/hospital/public/>
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EDUCATION

- **Master of Science (M.Sc.) in Computer Science and Engineering (BCSE)**
Jahangirnagar University, Savar
Passing Year: 2022 | GPA: 3.68 / 4.00
 - **Bachelor of Science (B.Sc.) in Computer Science and Engineering (BCSE)**
International University of Business Agriculture and Technology (IUBAT), Dhaka
Passing Year: 2021 | GPA: 3.67 / 4.00
 - **Higher Secondary Certificate (HSC), Science**
Milestone College, Dhaka
Passing Year: 2016 | GPA: 5.00 / 5.00
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SPECIAL QUALIFICATIONS

- Designed and implemented RESTful APIs with token-based authentication for scalable backend services.
 - Strong core PHP with OOP, SOLID principles, design patterns, and MVC architecture.
 - Performed debugging, troubleshooting, profiling, and performance optimization on live applications.
 - Hands-on experience integrating Laravel backends with React and Next.js frontends.
 - Experienced in code review, mentoring, and coordinating with frontend, QA, and project managers.
 - Collaborated with cross-functional teams using Agile-inspired workflows.
 - Maintained technical documentation to support development and maintenance.
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REFERENCES

- Rifayet Rifat, The Soft King Limited, Founder and CEO, 01716441701, rifat@thesoftking.com, Professional
- Jubayer Ahmed, Wardan Tech Limited, Managing Director, 01792156494, jubayer@wardan.tech, Professional