

MD ILLEAS HOSSAIN

Full-Stack AI Software Engineer

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[Portfolio](#) • [GitHub](#) • [LinkedIn](#) • [StackOverflow](#) • [HackerRank](#)

PROFESSIONAL SUMMARY

Full-Stack AI Software Engineer with more than three years of professional experience designing, building, and deploying scalable web applications on the MERN stack and Python. Demonstrated expertise in end-to-end development, API integration, and cloud deployment, complemented by hands-on data science research. Currently pursuing an M.S. in Artificial Intelligence, with a steadfast commitment to engineering intelligent, user-centered software solutions.

CORE COMPETENCIES

- Cross-functional collaboration with project managers, UX designers, graphic artists, systems analysts, and fellow developers to deliver high-quality solutions on the MERN stack (MongoDB, Express.js, React.js, Node.js).
- Project management and delivery: a consistent record of completing projects on schedule while managing multiple priorities in fast-paced environments.
- Analytical problem solving: the ability to decompose complex challenges into clear, achievable objectives.
- Strong written and verbal communication, planning, and organizational skills, with a pronounced business orientation.

PROFESSIONAL EXPERIENCE

TAAS Services LLC | California, USA July 2025 – July 2026

Full-Stack Engineer

- Designed, developed, and maintained scalable web applications across both front-end and back-end technologies.
- Partnered with senior engineers, product managers, and cross-functional teams to deliver reliable solutions that advanced business objectives and met user needs.
- Optimized system efficiency and application performance across real-world projects.

Aptech Staffing | Texas, USA December 2024 – June 2025

Data Science Researcher

- Applied statistical analysis and data-driven methods to solve real-world business problems.
- Developed machine learning models in collaboration with senior data scientists and engineers, supporting informed decision-making and operational efficiency.

IN-Technology Ltd | Dhaka, Bangladesh June 2022 – May 2024

Full-Stack Software Engineer

- Analyzed stakeholder requirements and translated them into full-stack application solutions.
- Administered MongoDB and MySQL databases and integrated third-party APIs and payment processing systems to extend application functionality.
- Monitored and optimized application performance; diagnosed and resolved technical issues across the MERN stack.
- Authored technical documentation for MERN stack development and provided clients with ongoing maintenance and performance insights.
- Collaborated with cross-functional teams to deliver MERN-based solutions, and managed source control with Git and GitHub.

Technologies: Laravel, JavaScript, Blade Templates, Vue.js, PHP, MySQL, Git, cPanel, AWS

TECHNICAL SKILLS

Languages: JavaScript (ES6+), Python, PHP, C, C++, HTML, CSS

Frameworks & Libraries: React.js, Node.js, Express.js, Vue.js, Laravel, Bootstrap, Tailwind CSS, jQuery, AJAX

Databases: MongoDB, MySQL

Tools & Platforms: AWS, Docker, Git, Heroku, Nginx, Postman, cPanel

Methodologies: Agile Development, RESTful API Development

Networking: Foundational hardware and networking knowledge

EDUCATION

University of the Potomac | Washington, D.C. **August 2024 – April 2027 (Expected)**

Master of Science in Artificial Intelligence

Southeast University | Dhaka, Bangladesh **January 2018 – February 2022**

Bachelor of Science in Computer Science and Engineering

ACTIVITIES & COMMUNITY INVOLVEMENT

- Participant, International Collegiate Programming Contest (ICPC).
- Competitor, Bangladesh National Hackathon.
- Active member and contributor, University Computer Club.
- Volunteer, Blood Donation Camp and various voluntary organizations dedicated to community development.

Recent Projects

[Smart Business Wizard](#)

An AI-powered business management platform.

[Smart Property Wizard](#)

An AI-powered property preservation management platform.

[Jewelance](#)

AI-powered jewelry business management software.