

Hamim

Full-Stack Developer — UGA — UI/UX Designer

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[LinkedIn](#) || [GitHub](#) || [Portfolio](#)

Professional Summary

Full-stack developer with strength in **JavaScript/React**, and **Node.js** building responsive, reliable web applications. Comfortable across the stack—from designing clean UI components to implementing REST APIs and relational schemas. Known for writing maintainable code, mentoring peers, and delivering features end-to-end.

Technical Skills

Languages	Java, Python, C, C++
Frontend	HTML, CSS, JavaScript, React.js, Tailwind CSS
Backend	Node.js, Express.js; REST API Design
Database	MySQL (schema design, joins, indexing)
Frameworks/Tools	JavaFX, Git/GitHub, Figma, CLI, Debugging/Profiling

Selected Projects

Code Hunter — 2D Programming Game *Java, JavaFX*

- Built a JavaFX game blending treasure hunting with timed programming quizzes; modular MVC scenes and state.
- Implemented input handling, scoring, and level logic with clean separation of concerns and reusable components.
- Repo: github.com/hamim0047/CodeHunter

Smart Blind Stick — Assistive IoT Device *ESP32-CAM, Sensors*

- Engineered obstacle/fall detection with audio feedback and GPS alert workflow; optimized sensor fusion loops.
- Deployed on ESP32-CAM with lightweight communication for reliable, low-latency notifications.
- Repo: github.com/hamim0047/SMART-VISION-STICK

Commune — Community Web App *React, Node.js, Express, MySQL*

- Delivered chat, marketplace, and profile features; designed REST endpoints and normalized DB schema.
- Implemented responsive React UI components and client-side routing; improved perceived load with code-splitting.
- Repo: github.com/hamim0047/Commune

Experience

Undergraduate Teaching Assistant *United International University* *Dhaka*

- Supported lab sessions, reviewed code, and clarified data structures and OOP concepts for junior cohorts.
- Collaborated with faculty on grading rubrics and debugging clinics; encouraged clean code and testable design.

Leadership & Activities

Senior Executive *UIU Robotics Club*

- Co-organized workshops and competition prep; guided teams on control design and iteration practices.

Executive *UIU Sports Club*

- Coordinated student engagement events and streamlined volunteer sign-ups and scheduling.

Volunteer *UIU CSE Project Show*

- Assisted with demo setup and event logistics; supported peers in presenting technical work effectively.

Education

United International University (UIU) *CGPA: 3.94*
B.Sc. in Computer Science & Engineering — 3rd year, 80 credits completed

References available upon request.