

# Hamim

Full-Stack Developer — UGA — UI/UX Designer

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

## Professional Summary

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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

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

## Selected Projects

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### 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](https://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](https://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](https://github.com/hamim0047/Commune)

## Experience

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### 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

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### 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

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

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References available upon request.