

## Contact

yousuf.amin8818@gmail.com

[www.linkedin.com/in/yousuf-mohammad-amin](https://www.linkedin.com/in/yousuf-mohammad-amin) (LinkedIn)

## Top Skills

Product Design

Blender

Mechanical Product Design

## Languages

English (Professional Working)

Bangla (Native or Bilingual)

## Certifications

Rapid Prototyping Using 3D Printing Specialization

Programming in C++: A Hands-on Introduction

Learn Node.js Course

Master all the MS Excel Macros and the basics of Excel VBA

Embedded Systems Essentials with Arm: Getting Started

## Honors-Awards

Vice Chancellor's Award

Dr. Anwarul Abedin Leadership Award

## Publications

Implementation and performance comparison for two versions of eye tracking based robotic arm movement

# Yousuf Mohammad Amin

Product Design Engineer | 3D Design & Rapid Prototyping | 3d Printing | IoT Product Development | Animation | Three.js | WebXR | React | MongoDB | Node.js | Firebase

Dhaka, Bangladesh

## Summary

### Personal Engagement

Passionate about designing and developing user-focused products.

Strong collaborator with experience working across engineering and testing teams.

### Technical Expertise

- 3D product design, enclosure design & rapid prototyping
- IoT hardware development and testing
- Basic firmware development (C, C++, Python)
- Currently expanding skills into MERN stack development

### Career Achievements

- 4+ years working on electronics and IoT product development cycles
- Gained hands-on experience in designing products optimized for 3D printing and rapid prototyping.
- Supported testing, debugging, and iterative improvement of embedded systems

### Passion & Goals

- Always eager to learn new technologies and improve as an engineer
- Exploring how Three.js and WebXR can enhance product visualization, training tools, and interactive user experiences
- Continuously learning to expand into modern web and 3D web technologies in parallel with core engineering work
- Exploring modern web development to broaden technical versatility

### Contact Info

Email: [yousuf.amin8818@gmail.com](mailto:yousuf.amin8818@gmail.com)

Github: <https://github.com/y-m-amin>

## Experience

E LAB | shaping idea into reality

4 years 3 months

Product Design Engineer

July 2025 - Present (6 months)

Dhaka, Bangladesh

Jr. Product Design Engineer

January 2022 - June 2025 (3 years 6 months)

Dhaka, Bangladesh

Product Design Engineer

October 2021 - December 2021 (3 months)

Dhaka, Bangladesh

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## Education

American International University-Bangladesh

Bachelor's degree, Electrical and Electronics Engineering · (2013 - 2019)