

Apurbo Karmokar

ENGINEER · TECH ENTHUSIAST · INNOVATOR

House no.827, Afroza Begum Road, F-Block, Bashundhara R/A

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“Computer Science graduate passionate about web development and software engineering, combining technical skills and creativity to solve real-world challenges. Committed to delivering efficient and impactful solutions.”

Skills

Soft Skill	Strong communication, Teamwork Collaboration, Leadership, Presentation skills, Time Management, Critical Thinking
Programming	C, C++, PHP, HTML, CSS, SQL, JavaScript, Python, and Java FXML
Framework	Laravel, Bootstrap, jQuery
Software	VS Code, Cisco Packet Tracer, MySQL WorkBench, Apache NetBeans
Data Library	NumPy, Pandas
Productivity	MS Word, Docs, Excel, Spreadsheet, PowerPoint, Slides, OneNote, Slack, and Discord
Language	English, Bengali, and Hindi

Education

Bachelor of Science in Computer Science and Engineering

INDEPENDENT UNIVERSITY, BANGLADESH

Dhaka, Bangladesh

June 2020 – December 2024

Experience

4 months	Internship at Urban IT Solution, Hands-on experience in software development and problem-solving.	Dhaka, Bangladesh
4 months	Internship at Nebulae-Soft, Remote internship in web development and software engineering.	Remote

Publications

	Systematic Review and Analysis of Model-Driven Engineering Practices: Successes, Failures, and	
Sep 2024	Future Directions , Authors: Syed Samsul Arefin, Mahabuba Aktar Thithi, Md Mahfuzur Rahman, Apurbo Karmokar, Jahid Hasan Milon [DOI: 10.1016/j.jss.2019.02.026]	Research Paper
Mar 2024	Semi-Automated Ball Throwing and Picking Robot , Authors: Apurbo Karmokar, Fariha Oishi, Md Nafiur Rahman Ashik, Afrin Mahmud Tisha [DOI: 10.13140/RG.2.2.22465.98406]	Research Paper
Jan 2024	Wall Climbing Glass Cleaner Robot , Authors: Navid Al Faiyaz Provi, Nushrat Afroz Roza, Apurbo Karmokar, Abir Hossain Sangram, Mohammad Shidujaman, Mohammad Rejwan Uddin, Mahady Hasan [DOI: 10.1109/ICCUBE58933.2023.10392159]	Published in IEEE

Training & Certifications

Jun 2024	Blockchain Workshop Certificate [Google Drive Link], Independent University, Bangladesh	Dhaka, Bangladesh
Jun 2023	Cisco Network Academy [Google Drive Link], Independent University, Bangladesh	Dhaka, Bangladesh
Sep 2023	LFE (Live Field Experience), TMSS Technical Institute (TTI), Bogura, Bangladesh	Bogura, Bangladesh
Apr 2022	E-Awareness Olympiad Certificate[Google Drive Link], Cyber Safety, Bangladesh	Dhaka, Bangladesh
Aug 2020	Python Data Structures [Coursera Link], University of Michigan	Remote

Projects

2024	AmarPoth - Ultimate Package Booking System , Web Application using Laravel Framework Developed a seamless package booking system both for admin and user. [Click here] for more details. Live Project: [Click here]	Urban IT Solution
2024	Portfolio using HTML, CSS and Javascript , Web Application Built a personal portfolio website using HTML, CSS and Javascript. [Click here] for more details.	IUB
2024	Khaidai using API , Web Application Developed a web application using APIs for Khaidai. [Click here] for more details.	IUB
2024	Food Ordering System , Web Application Developed a comprehensive web application for ordering food online. [Click here] for more details.	IUB
2023	Akash DTH Cable Network , Object-Oriented Programming Project Developed an object-oriented system for managing Akash DTH cable networks. [Click here] for more details.	IUB

Extracurricular Activity

Artist / Musician SPOTIFY, APPLE MUSIC, YOUTUBE MUSIC, DEEZER, SAAVN AND MANY MORE	Global 2020 – Present
Vocalist and Guitarist ROCKWAVE	Bangladesh 2022 – Present

References

Ismail Hossen , CEO	Urban IT Solution
Tanvir Ahmed Haroon , LFE Coordinator and Lecturer	Independent University, Bangladesh