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   *Dhaka, Bangladesh*

INDEPENDENT UNIVERSITY, 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

Sep 2024	**Systematic Review and Analysis of Model-Driven Engineering Practices: Successes, Failures, and 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/ICCUBEA58933.2023.10392159]	*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.   *Urban IT Solution*
Live Project: [Click here]

2024   **Portfolio using HTML and CSS**, 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   *Global*

Spotify, Apple Music, YouTube Music, Deezer, Saavn and many more   *2020 – Present*

Vocalist and Guitarist   *Bangladesh*

ROCKWAVE   *2022 – Present*

References

Ismail Hossen, CEO   *Urban IT Solution*

Tanvir Ahmed Haroon, LFE Coordinator and Lecturer   *Independent University, Bangladesh*