

Shirajul Islam Shakur

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PROFESSIONAL SUMMARY

Junior full-stack developer with hands-on experience building production-level WordPress plugins at Bit Code Technologies Limited. Skilled in PHP, React, and REST API development. Authored and presented a research paper at IEEE QPAIN 2026 on Human Pose Estimation using graph optimization. Actively expanding into Machine Learning, NLP, RAG, and Data Science.

TECHNICAL SKILLS

- **Languages:** JavaScript (ES6+), TypeScript, Python, C, C++, PHP, HTML5, CSS3
- **Frameworks & Libraries:** React, NextJS, Redux, Node.js, Express.js, Tailwind CSS
- **Databases:** MongoDB, Firebase, MySQL
- **Developer Tools & Technologies:** Git & GitHub, Stripe, JWT, Postman, VS Code, Figma
- **Spoken Languages:** Bengali (Native), English (Proficient)

EXPERIENCE

Bit Code Technologies Limited *Junior Developer* | August 2025 – Present

Working as a full-stack junior developer focused on building and maintaining proprietary WordPress plugins for business and community management solutions.

- Developing BIT CRM, a comprehensive CRM plugin for WordPress contributed to the Dashboard, Client Portal, Invoice Module, and multiple sub-modules using PHP, WordPress REST API, and React.
- Built the Admin Dashboard UI for BIT Connect, a community management plugin featuring feature request boards, upvoting, and commenting system.
- Working across both frontend and backend custom post types, hooks, filters, OOP PHP, REST API endpoints, and responsive admin UI development
- Following WordPress coding standards and collaborating within a team on production-level plugin architecture

Stack: PHP, WordPress Plugin API, JavaScript, CSS, MySQL, REST API

Teaching Assistant

Department of Computer Science and Engineering, IIUC

- Assisted lead professor for the Computer Programming II Lab course with over 100 students.
- Led weekly lab sessions, helping students debug code and understand core programming concepts.
- Providing constructive feedback to support student learning.

Assistant Webmaster Secretary

International Islamic University Chittagong Computer Club

- Collaborate with the webmaster to develop and update the official club website.
- Assisted in organizing coding workshops and competitions for club members.

PROJECTS

BIT CRM WordPress CRM Plugin | (*In Development*)

Bit Code Technologies Limited

A comprehensive CRM plugin for WordPress being built to manage clients, invoices, and business workflows designed as a scalable solution for small to mid-sized businesses.

- Built the Dashboard module with real-time stats, activity overview, and key business metrics using WordPress REST API.
- Developed the Client Portal a dedicated frontend interface for clients to view their data, deals, invoices, notes, and communication history.
- Implemented the Invoice Module with full CRUD operations invoice creation, status tracking (paid/unpaid/overdue), and PDF generation.
- Contributed to additional sub-modules including workflow logs, activities.
- Followed WordPress coding standards with custom post types, hooks, filters, and OOP PHP architecture.

Technology: React, JavaScript, Tailwind CSS, TanStack Query, PHP, MySQL, Wordpress.

BIT CONNECT Community Management Plugin | (*Releasing Soon*)

Bit Code Technologies Limited

A WordPress plugin for community engagement allows the company to publish project updates and feature announcements while users can upvote and comment on requested features.

- Built the Admin Dashboard UI a fully custom frontend interface for managing community posts, feature requests, and user interactions
- Designed and implemented responsive layouts for the admin panel using modern UI components within the WordPress ecosystem
- Developed feature request board UI where users can submit, upvote, and comment on feature ideas
- Ensured consistent design system across all admin views typography, color tokens, component patterns

Technology: React, PHP, WordPress Plugin API, JavaScript, CSS.

URBAN DWELL (Building Management)

[Live Link](#) | [Client Code](#) | [Server Code](#)

UrbanDwell is a Building Management System (BMS) web application designed to simplify apartment management processes. It provides a seamless experience for users to explore apartments, manage agreements, and handle payments effectively.

Features:

- Streamlined browsing of available apartments, handling of agreements, and efficient payment processing.
- Robust user authentication to ensure data privacy and security.
- Built-in maps and directions to assist users in locating and reaching apartments easily.

Technology: React, JavaScript, Tailwind CSS, TanStack Query, Stripe, Node.js, Express.js, MongoDB, Firebase

EDUCATION

Bachelor of Science (BSc) in Computer Science and Engineering	2025
International Islamic University Chittagong	
• Relevant Coursework: Data Structures, Algorithms, Software Engineering, Database Management Systems, Tools and Technologies for Internet Programming, Machine Learning, Image Processing, Systems Analysis and Design, Object-Oriented Programming. • CGPA: 3.7	
Higher Secondary Certificate (HSC)	2020
Omargani M.E.S. University College	
• Group: Science • Result: 5.0	
Secondary School Certificate (SSC)	2018
Bangladesh Bank Colony High School	
• Group: Science • Result: 5.0	

PUBLICATIONS & RESEARCH

- **Robust Human Pose Estimation Using G2O-Based Graph Optimization Under Occlusion** IEEE QPAIN 2026 | CUET, Chattogram, Bangladesh | April 2026 Co-authors: Altaz Uddin Emon, Md Mohaiminul Islam, Md. Khaliluzzaman

HONORS AND AWARDS

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| • Honorary Mention | 2024 |
| IEEE Mobile App Development Competition | |
| • Best Performer | 2022 |
| Competitive Programming Bootcamp, IIUC Competitive Programming Society | |

PROFESSIONAL MEMBERSHIPS

- IEEE, Membership ID: 99683010

REFERENCE

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