Abdulla Rahman

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EDUCATION

Khulna University of Engineering & Technology Khulna, Bangladesh
Bachelor of Science in Computer Science and Engineering, CGPA: 3.38 out of 4 *Jan. 2020 – Mar. 2025*

Varendra College Rajshahi, Bangladesh
Science, GPA: 5 out of 5 *Jun. 2017 – May 2019*

PROBLEM SOLVING

Leetcode: Solved 147 problems
Codeforces and others: Solved 300+ problems

PROJECTS

Web: BookFlix | *.Net, C#, MS SQL, Bootstrap, Git* [Source]
- Developed a full-stack e-commerce web application using .Net
- Implemented two factor authentication
- Email notification for password reset, order confirmation
- Stripe payment gateway integrated

Web: ezDoc | *REST API, Node.js, React.js, MongoDB, Express.js, Git* [Source] [Live]
- Developed a full-stack website to find doctor and book appointment
- Implemented multiple Roles and their Dashboard
- Integrated Stripe payment gateway
- Used Hashing, Cookies, Local Storage for Authentication

Web: Airbnb Clone | *REST API, Node.js, React.js, MongoDB, Express.js, Git* [Source]
- Developed a full-stack website like Airbnb
- Integrated Stripe payment gateway

Compiler | *Flex,Bison* [Source]
- Developed a project implementing Lexical, Syntax, and Semantic Analysis to parse source code, detect tokens, build AST, and perform type checking.

Flutter: Alarm |*Flutter, Dart* [Source]
- Developed an alarm app with Location fetching

SQL: Bookstore | *Oracle SQL, PL/SQL* [Source]
- Conceptual design with ER diagram
- Developed database project including ddl, dml, pl/sql with query
- Completed operations including table creation, insertion, procedures, functions, cursors, and PL/SQL

AI Game: Chess AI | *Python, pyGame, MiniMax Algorithm, Alpha-Beta pruning, Genetic Algorithm, Git* [Source]
- Developed a chess game to play against an AI bot with several difficulty modes
- Implemented several algorithm to find best move
- Collaborated with a friend using Github

Android: Cardiac Recorder | *Android, Java, Junit, Espresso, Git* [Source]
- Developed an app to determine user health based on given data
- Integrate Unit Test, UI test using Junit and Espresso
- Collaborated with a friend using Github

IOS: ICU Bed Finder | *Swift, Storyboard, Firebase* [Source]
- Developed an app to Find bed for patient
- Implemented a weather API

Co-carricular Activities

Bit2Byte - Software Research & Development Community of KUET   Feb. 2020 – Present
Treasurer
- Organized Several Workshop, Hackathon
- Taught C++, OOP, Javascript, Web development

SGIPC - Special Group Interested in Programming Contest   Feb. 2020 – Present
Member
- Assisted in organizing the Intra KUET Programming Contest
- Mentored junior students in preparation for a programming contest

Technical Skills

Fundamentals: DSA, OOP, Networks, OSI Layer, SDLC
Languages: C/C++, JavaScript, C#, Python(Basic), Java(Basic)
Database: SQL (Oracle, MySQL), NoSQL (MongoDB)
Frameworks: .Net, React, Node, Express, TensorFlow
OS: Linux, Windows
Tools: Cisco Packet Tracer, Active HDL, Git