

Swapnil Diganta Thakur

Software Engineer

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About Me

Programming Languages : Python, Java, C/C++, Kotlin, JavaScript, RDBMS, NoSQL.
Backend-Frameworks : Flask, Django, Django-RestFramework, SQLAlchemy.
Frontend-Frameworks : React Native, React.js.
Interest : Backend Development, REST API, Database Management via ORM, Mobile Apps, Machine-Learning, **Unix/Linux**.
Git Repository: <https://bitbucket.org/anta79>

Programming Skill

Projects using these frameworks are demoed on [Git Repository](#).

Used Frameworks:

- Used Flask, flask-restful, ORM to build REST API.
- Used Django, DjangoRestFramework to build Rest API.
- Used React Native for getting JSON data by API call.
- Used React.js with React-routers.
- Used JavaFx with Socket Programming.

Competitive Programming:

- Codeforces : [purple_haze1](#) (can solve first 3 problems in a Div2 contest on average).
- Uva : [Swapnil Thakur \(candela79\)](#).

Used Prebuilt-Data Structures like:

- Map/Dictionary, Set, Deque, LinkedList, ArrayList, Heap.

Can Implement:

- Data-Structures : Queue, Stack, Linked List, Tree, Binary Tree, Tree Traversal, Graphs, Segment Tree.
- Algorithms: Recursion, Sort Algorithms, Graph Algorithms(BFS, DFS, Bellman-Ford, Dijkstra), Prime Factorization, RSA Algorithm, DP Techniques.

Education:

University of Chittagong

- Bachelor of Engineering (Computer Science and Engineering)

(2017–2022)

CGPA : 3.46