SHIVAYAN CHAKRAVARTY | RESUME

Aspiring SDE

Status: Electronics and Telecommunication engineering student
Fields: Software engineering, electronics engineering
Techs: Java, C++, Python, Html, Css, Javascript, React JS, Tailwind Css, PostgreSQL
Activities: CP Moderator, PR associate, Open Source

Guwahati, India
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Summary

Second-year Electronics and Telecommunication Engineering student at Assam Engineering College with a strong interest in software development and problem solving. Comfortable working with C++, Java, Python and building practical projects using microcontrollers and processors.

Education

Bachelor of Technology - Assam Engineering College   2023-2027

· Currently pursuing B.Tech in Electronics and Telecommuncation
· Current grade: 7.4

Higher Secondary - Sai Rns Academy   2020-2022

· Subjects : Physics, Chemistry, Biology, Mathematics, English, Physical Education
· Grade : 91%

Matriculation - Maharishi Vidya Mandir   2020

· Subjects : Science, Mathematics, English, Hindi, Social Science
· Grade : 97%

Experience

Open Source Contributor - GirlScript Summer Of Code   2024

· Contributed in open source repos of projects listed under GsSoc, using Html, Css and JS
· Gained experience in collaborative development and version control with large open-source codebases

PR Associate - RoboClub AEC   2024-2025

· Managed public relations and communications for Robotics Club
· Managed the Instragram account of Robotics Club

Competitive Programming Moderator - Coding Club AEC   2024-2025

· Conducted training workshops and events to foster CP culture in college
· Organized regular weekly contests within the college group at CodeForces

Skills

Data Structures : Arrays, Strings, ArrayList, LinkedList, Stack, Queue, Priority Queue, HashMap, Set, HashSet, Trie, TreeSet, StringBuilder, Graph

Algorithms : Greedy, Brute Force,Binary Search, Two-Pointers, Sliding Window, Prefix Sum, DFS, BFS, Dijkstra's

Developement : Html, Css, JavaScript, TailwindCss, ReactJs, PostgreSQL, Maven, JDBC, Spring Boot

Achievements

Pre-Finalist - Codify Rumble, IIT Roorkee   2025

Pupil rating - CodeForces (Current max : 1238)   2025

Beat The Circuitry Finalist - Second position in round 1, went up to the final round   2025

Global Rank 2408 - Secured a global rank of 2408 among 14,000 participants   2025