Shivam Kumar

Roll No.:BTECH/10427/19
B.Tech - Electronics and Communication Engineering
Minor in Computer Science and Engineering
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EDUCATION

Degree/Certificate	Institute/Board	CGPA	Year
B.Tech. (Minor)	Birla Institute of Technology Mesra, Ranchi	9.50	2021-2023
B.Tech. (Major)	Birla Institute of Technology Mesra, Ranchi	7.69	2019-2023

EXPERIENCE

- **Adrosonic**   *Jan 09, 2023 - Still working*
  Software Development Engineer 1   Mumbai, Maharashtra
  - Leveraged 9 months of software development expertise to architect an efficient Admin Manager Portal, streamlining code structure and reducing project time by 15 percent through error resolution and optimization. Demonstrated React proficiency by enhancing front-end responsiveness, culminating in the successful delivery of the project within a concise two-month timeframe.
    Facing Novel Endeavors - Actively engaged in a Java backend Spring project known as Aventum. Upholding a commendable history of exceptional performance, both as a collaborative team contributor and as a self-driven individual. Possessing outstanding communication proficiency and adept analytical capabilities.

- **Tata Motors**   *May 11, 2022 - July 2, 2022*
  Software & Development Engineer Training   Jamshedpur, Jharkhand
  - Collaboratively engaged within a multifaceted team, I participated in the creation of the login interface for the TMH Portal. This endeavor encompassed the amalgamation of design and programming disciplines within the realm of software development, intricately interwoven with the tenets of project management. My responsibilities encompassed the authorship and execution of meticulously constructed, streamlined, and optimized codebase for the back-end development of the product.

PROJECTS

- **Teams Proxy Bot Application**   *Feb 6, 2023 - Apr 2, 2023*
  Key Skills: Python | Libraries | PyAutoGUI
  - This tool can be used to automatically join Microsoft Teams Meetings.
  - This bot was purely made for educational purposes only and is meant as a fun way to learn and implement the libraries/packages mentioned above. Used PyAutoGUI to Simulates the mouse and keyboard.

- **Visualizer Algorithms**   *Aug. 9, 2021 - Sept. 9, 2021*
  Key Skills: HTML | CSS | JS | Problem Solving   Deployed Here
  - Simple UI which allows the users to select the sort algorithm, select the array size, and speed of the visualization, even in the middle of the execution of sorting user can change the selections.

- **Weather Prognostication Prediction**   *Jan. 01, 2021 - Jan. 07, 2021*
  Key Skills: HTML | CSS | JavaScript | Problem Solving   Deployed Here
  - Weather Application to track weather of different places.
  - Used Weather API for fetching the data of different places.

TECHNICAL SECTION

- **Technologies/Tools**: Open-Source, Python, C++, JavaScript, Git, Linux, Web-API Testing
- **Development Used**: Distributed Systems, Micro-services, ReactJS, NodeJS, Express, MongoDB

KEY COURSES TAKEN

- **Computer Science**: Data Structures, Algorithms, DBMS, OOPs & Operating Systems
- **Development**: Software Engineering, Front-end Dev, Back-end Dev, Deployment, Git

ACHIEVEMENTS

- **Strengths**, Excellent Communication Builder, Quick Learner, Problem Solver, Optimist, Work Ethic, Team Leader
- **Solved DSA problems**, Solves Problems related to Data Structures and Algorithms   *2021 - Ongoing*
- **Problem Solver**, Learnt Basics of C++, Python and Java Script   *2021*

POSITIONS OF RESPONSIBILITY

- **Youtuber: Runs a YouTube channel for problem solving using Data Structures and Algorithms step-by-step**, *Profile*
- **Teacher: Taught Underprivileged children in Villages and spread the news about government schemes**,

Dristi, BITS Mesra