KARTIK KUMAR

Kolkata, WB

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Education

Government College of Engineering and Leather Technology   Jun 2019 – Jun 2023
Bachelor of Technology in Information Technology   *Kolkata, WB*

Relevant Coursework:
- Object-Oriented-Programming
- Java
- Python
- Database Management Systems
- Operating Systems
- Algorithm Analysis

Overall GPA: 9.1/10.0 (Average till 7th semester)

Raniganj Marwari Sanatan Vidyalaya   Apr 2016 – Apr 2018
Higher Secondary   *Raniganj, WB*
- XII: 66% (2018),   X: 83.7% (2016)

Technical Skills

Languages: MySQL, Python, MongoDB, Fast API, ReactJS, HTML/CSS

Developer Tools: PyCharm, VS Code, GitHub, Postman, Swagger

Miscellaneous: Unit Testing, Clean Code

Projects

E-commerce website | *MongoDB, FASTAPI, PyJWT, VS Code, github*   Dec 2022 - Present
- Collaborated with a team of 4 to develop an e-commerce website.
- Responsible for designing and **implementing the database schema, authentication and developing the backend using FASTAPI and MongoDB.**
- **Designed and implemented a main products page** for a web application, enabling customers to **view all products, select by category, and sort by price.**

TODO List Application | *Python, MongoDB, FAST API, PyJWT*   Sep 2022 - Oct 2020
- Developed backend of a TODO list application using **Python, Flask and MySQL**.
- Responsible for **developing the 4 backend APIs, authentication, designing and implementing the database**.
- Improved database performance by storing task counts as attributes in the database, ensuring data consistency and avoiding issues with concurrent updates
- Deployed features such as **login, user authentication and CRUD operations** on TODOs.

Certifications

Python   Nov 2022
Passed HackerRank skill assessment [ID: B9855AC29BC9]

MySQL   Nov 2022
Passed HackerRank skill assessment [ID: E9C28CD1417C]

Problem Solving   Apr 2023
Attained HackerRank skill assessment [ID: 4AC8EDD51069]

Leadership / Extracurricular

Student Welfare Association GCELT   jul 2020 – jul 2022
Assistant Technical Head   *Government College of Engineering and Leather Technology*

- Managed college and student welfare associations' websites

Rotaract Club GCELT   jul 2021 – Present
Memeber   *Government College of Engineering and Leather Technology*

- Organized events such as blood donation, tree plantation, and recreational events