

Ratul Banik

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EDUCATION

Hooghly Engineering and Technology college

Hooghly, West Bengal | 01/2024 – Present

Bachelors of Technology in Computer science engineering **YGPA: 8.70/10**

Ongoing Academic year: 2nd

- **Relevant Coursework:** Data structures and C, Design and algorithms in C, Object Oriented Programming, Computer architecture, Database management system, Mathematics, Wireless communication and radar engineering.
- **Among Top 3** students in college.

Chinsurah Deshbandhu memorial High school

Hooghly, West Bengal | **01/2015 - 07/2022**

Higher Secondary **GPA: 9.04/10**

- **Relevant Coursework:** Mathematics, Physics, Chemistry and Biology [**JEE Main: 89%ile**]
- Achieved a **top 5** ranking

SKILLS

- **Languages:** C, Java, python, C++, Rust, MATLAB, javascript
- **Libraries:** MS-excel, Numpy, Matplotlib, Tensorflow, OpenCV
- **Frameworks:** JavaScript, Express.js, Django
- **Database management:** MongoDB, MySQL
- **Methodologies :** OOP, DevOps, Functional Programming

PROJECTS

- **Built a shopping website:** named **eshop** where user can see the least and reasonable price of the item he/she is going to purchase. Particularly it compares the prices from the top notch shopping platforms such as Flipkart, amazon and recommends the least value available of the item, among them.
- Built a Random dice simulator, Hangman game using python

CERTIFICATES

- **Python and Flask Demonstration practice Course:** hands-on experience in building web applications using the Flask framework. Participants will learn essential concepts such as routing, templates, and database integration to create dynamic, user-friendly websites created a Remainder application with notification, GIF creator, and random dice simulator.
- **Google AI/ML practice course:** gaining hands-on experience in machine learning algorithms and their applications. Developed skills in data analysis, model training, and deployment, enhancing my understanding of AI technologies.
- **Complete Javascript with HTML5, CSS3 :** Built Own shopping Website
- **Google Generative AI course:** gaining expertise in advanced AI techniques and applications. Developed skills in machine learning, natural language processing, and creative AI solutions