Anup Kumar Sardar

+91 9382308843 | kumaranup.andal@gmail.com | linkedin.com/in/anup-kumar-sardar | github.com/E3sc

EDUCATION

Bengal College Of Engineering and Technology	Durgapur, WB
Bachelor of Technology in CSE	*2020 – 2024*
Andal High School	Andal, WB
Class 12th	*2018 – 2020*
Eastern Railway High School	Andal, WB
Class 10th	*2008 – 2018*

TECHNICAL SKILLS

Languages: Python, C, MySQL , JavaScript, HTML/CSS
Developer Tools: Git, Docker, VS Code, Visual Studio
Cloud Services: AWS EC2, S3, RDS, Lamda, Auto Scaling, Cloud Watch, IAM

SOFT SKILLS

- **Effective Communication:** Proficient in conveying information clearly and effectively in both written and oral forms to diverse audiences.
- **Problem-Solving:** Demonstrated ability to approach challenges creatively and implement practical solutions under pressure.
- **Leadership:** Capable of leading projects and teams with a focus on mentorship, goal setting, and motivational support.
- **Time Management:** Effective at managing multiple tasks and projects simultaneously with prioritization to meet deadlines and objectives.

PROJECTS

Online Notes Sharing Platform | *Python, Django, Javascript, HTML, CSS, SQL, Docker, AWS EC2, AWS S3*
- Spearheaded the design, development, and deployment of a highly scalable and secure online notes sharing platform using Django, ensuring robust performance and user-friendly navigation.
- Utilized Amazon Web Services (AWS) Elastic Compute Cloud (EC2) for the hosting environment, optimizing for performance and scalability, which facilitated smooth handling of fluctuating traffic volumes without downtime.
- Integrated the application with AWS Simple Storage Service (S3) for the storage of notes and related media, achieving high durability and availability while significantly reducing hosting costs.
- Implemented advanced security measures, including data encryption at rest and in transit, to protect sensitive user data and ensure compliance with data protection regulations.

RELEVANT COURSEWORK

- **Database Management Systems (DBMS):** Covered relational database design, SQL, transaction management, database indexing, and normalization.
- **Operating Systems (OS):** Explored processes, threads, scheduling algorithms, memory management, and file systems.
- **Computer Networks:** Studied the OSI and TCP/IP models, routing algorithms, network security, and application layer protocols.
- **Object-Oriented Programming (OOP):** Focused on abstraction, encapsulation, inheritance, polymorphism using Java and C++.
- **Data Structures and Algorithms (DSA):** Analyzed and implemented algorithms for sorting, searching, and graph traversal along with data structures like trees, heaps, and hash tables.
- **Compiler Design:** Introduced to lexical analysis, parsing, syntax-directed translation, runtime environments, and code optimization techniques.
- **Artificial Intelligence (AI):** Covered foundational principles of AI, including machine learning, neural networks, genetic algorithms, and expert systems.