Aditya Kumar

Disciplined, Collaborative, Detail-oriented

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 github.com/Aditya-567 </> leetcode.com/Aditya000567/

EDUCATION

University of Petroleum and Energy Studies	**2021 - 2025**
Bachelor of Science in Computer Science - 7.91 till IVth semester CGPA	*Dehradun , Uttarakhand , India*
Araria Public School (C.B.S.E)	**2020 - 2021**
10+2 Higher Secondary Education - 77%	*Araria, Bihar, India*
Araria Public School (C.B.S.E)	**2017 - 2018**
10 Secondary School Education - 74%	*Araria, Bihar, India*

RELEVANT COURSEWORK

- Data Structures
- Operating System
- Database Management
- Software Engineering Project Management
- Cloud Computer Architecture
- Cloud Computer Deployment
- Design and Analysis of Algorithms
- Data Communication and Computer Networks
- Container Orchestration and Infrastructure Automation

TECHNICAL SKILLS

Languages: **C/C++,** **HTML/CSS**, JavaScript, **SQL**
Developer Tools: **VS Code**, Eclipse, Code Blocks, **Docker**
Technologies/Frameworks: Linux, **Git/GitHub, AWS**, Azure

INTERNSHIP

Piramal Foundation	**june 2022 - August 2022**
Volunteer	*Araria , Bihar*

- Put into effect a comprehensive task tracking system for a 4-member team, resulting in a reduction in missed deadlines
- Managed a team of 100 teachers and volunteers for the **CHAHAK** Bihar Government Education Project.
- Engaged with teachers in finding more effective and creative teaching methods for students.

PROJECTS

College-space application | *REST API, Docker, AWS, Azure, GitHub, Firebase*   **August - November 2023**

- ∗ Designed and implemented a college-space application featuring note sharing, advanced announcements, and real-time chat, utilizing **Azure**, **AWS**, **Docker**, and **Firebase**.
- ∗ Integrated **Firebase** Authentication with other Firebase services to provide a seamless user experience, resulting in a 30% increase in user engagement.
- ∗ Leveraged an **AWS S3** to achieve secure and high-performance data storage, leveraging **IAM** for granular access control and API interactions.
- ∗ Improved deployment efficiency by 50% using **Docker** and **Azure App Service**, enabling faster time-to-market for new features.

Inventory Management System | *Python, Flask, Amazon Web Service*   **February - March 2023**

- ∗ Crafted a **cloud-based** inventory management system using **Python, Flask, AWS EC2, AWS services** and **Service-oriented architecture (SOA)**.
- ∗ Increased the performance and reliability of inventory data management by 10% by implementing a **DynamoDB**.
- ∗ Deployed the system to **AWS EC2**, using a **load balancer** and **auto scaling** to ensure scalability and reliability.
- ∗ Secured the system using AWS Web Application **Firewall (WAF)** on **AWS EC2**.

CERTIFICATIONS

AWS Academy Cloud Developing   November 2023
By AWS Academy
AWS Academy Cloud Operations   April 2023
By AWS Academy
Fundamentals of Digital Marketing   April 2023
By Google digital Garage

ACHIEVEMENTS

GitHub   January 2024
Experienced GitHub user with 250+ commits
Leetcode   January 2024
Solved 100+ DSA question on leetcode
Leetcode 50Days Badge 2023   December 2023
Obtained Badge for 50days streak on Leetcode
HACKOBERFEST   October 2023
Shared my idea and solution in open source and completed all levels badge

EXTRACURRICULAR

Chitrakala 3.0   February 2023

Showcased my artistic talents at the Chitrakala 3.0 competition

CSA Hackatohn 2.0   April 2023

Engineered voice-enabled medical data graph visualization app using **AWS services** that reduced data analysis time by 50% for healthcare professionals.