Aman Arya

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EDUCATION

SGSITS, INDORE
B.Tech in Information Technology
May 2024 | Indore, India
CGPA: 8.37 / 10.0 (till 6th semester)

ARCADIA ACADEMY
12th Standard
MAY 2019 | Kota, India
Percentage: 79.2%

KAMLA NEHRU SCHOOL
10th Standard
MAY 2017 | Bhopal, India
CGPA: 9.8 / 10.0

LINKS

LinkedIn: **aman-arya-79a52121b**
GitHub: **Am4nn**
GeeksForGeeks: **125aryaaman**
HackerRank: **Am4nn**
Porfolio: **amanarya.com**

SKILLS

PROGRAMMING
• C/C++ • Java
• Data Structures and Algorithms
• Object Oriented Programming

WEB DEVELOPMENT
• HTML • CSS • JavaScript • Nodejs
• React • Redux • Rest API
• Java Spring Boot • JUnit Testing

DATABASE
• MongoDB • MySQL

TOOLS & SOFTWARE
• GitHub • Visual Studio • IntelliJ Idea

COURSEWORK

ACADEMICS
Operating Systems
Computer Network
Database Management System

UDEMY
Web Development Boot-camp
React - The complete guide

COURSERA
Neural Networks and Deep Learning*
Computer Vision and Image Processing*

WORK EXPERIENCE

GOLDMAN SACHS | Seasonal Analyst
January 2024 – Present | Bengaluru, India

- Led the development of an analytics dashboard for Account Opening Applications at Goldman Sachs
- Utilized Alloy and SQL to extract and model data, delivering actionable insights that inform strategic decision-making for business stakeholders
- Designed and implemented Tableau dashboards, enabling informed decision-making and strategic planning

GOLDMAN SACHS | Summer Analyst
May 2023 – July 2023 | Bengaluru, India

- Engaged in the Goldman Sachs team maintaining client fee calculation applications, implementing 10+ efficiency-focused enhancements
- Implemented feature for bulk account fee charging, reducing process time by 85% with 20+ JUnit test cases utilizing Spring-boot and React
- Reduced UI load time by 76% with optimized MongoDB queries
- Engineered user impersonation feature for enhanced DEV and UAT testing
- Rectified over 15 bugs within the internal fee calculation application and portal

ACADEMIC PROJECT

EXAM MODULE 2 | Faculty Mentor: Dr. Lalit Purohit
February 2023 – April 2023 | SGSITS, Indore

- Led a team of 7 members to develop a robust web-based system, digitizing the examiner allocation process for all the departments within the college
- Implemented functionalities including mailing system, authentication/ authorization mechanisms to simplify the examiner allocation workflow
- Achieved a 95% reduction in paper-based examiner assignment processes using React, Node, Express, and SQL for secure and efficient database management

TECHNICAL PROJECT

ONLINE-JUDGE | MERN Stack, Redux
May 2022 – July 2022

- Developed a platform that remotely runs and compiles user submitted code for a programming problem securely and judges if the code is correct/wrong
- Code submission history and leader-board allow users to keep track
- Improved the security of platform by using Docker and Sand-boxing techniques
- Implemented polling and redis based job queue to improve overall performance and allow concurrent requests to be seamlessly handled
- Deployed on AWS EC2 Service in production, with potential for future horizontal scaling using Nginx

ACHIEVEMENTS

- Showcased mastery in programming languages on Hacker-rank, earning golden badges in C, C++, Java, and Data Structure and Algorithms (6 stars)
- Solved more than 300 programming problems on more than four platforms
- Organized and Managed 10+ events as the senior-coordinator for #include club