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
GitHub: Am4nn
GeeksForGeeks: 125aryaaman
HackerRank: Am4nn
Porfolio: Aman Arya

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
- Git • GitHub
- Visual Studio • IntelliJ Idea

COURSEWORK

ACADEMICS
Object Oriented Programming
Data Structures and Algorithms
Operating Systems
Computer Network
Database Management System

UDEMY
Web Development Boot-camp
React - The complete guide

WORK EXPERIENCE

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

- Engaged in the Goldman Sachs team, implementing 10+ efficiency-focused enhancements
- Implemented a feature enabling users to charge fees as last year to bulk accounts in one click, reducing process time by 85% while ensuring reliability with 20+ JUnit test cases
- Optimized user experience by decreasing UI loading time by 76% through enhanced MongoDB queries
- Engineered user impersonation feature for enhanced DEV and QA testing, streamlining website evaluation utilizing Spring-boot and React
- 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 | Online-Coding-Platform
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 using MERN Stack and Redux State Management
- Users can keep track of submitted code through a leader-board and submission history
- Improved the security of platform by using Docker and Sandboxing techniques
- Optimized request handling by deploying polling and message queue mechanisms, resulting in an increase in overall system performance and the ability to seamlessly handle concurrent requests
- 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; recognized for exceptional skills and dedication to continuous learning (6 star)
- Solved more than 300 programming problems on more than four platforms
- Managed 10+ events and guided sessions for college students as the senior-coordinator for the #include club at SGSITS