

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
Portfolio: 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

Jan 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 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