

# 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](#)

Portfolio: [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 maintaining client fee calculation applications, 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

- Developed a robust web-based system to digitize the examiner allocation process for all the departments within the college in a team of 7 members
- Implemented functionalities including mailing system, authentication/authorization mechanisms to simplify the examiner allocation workflow
- Built a user-friendly interface with React, integrating using Node with Express and leveraged basic 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