Prakhar Jain

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Education

Jaypee University Of Information Technology *Solan*

B.Tech in CSE 2020 - Present

CGPA: 8.26

Maheshwari Public School *Ajmer*

XII (CBSE) 2020

94.4%

Work Experience

- **App Development Intern | Celebal Technologies**
  - Designed Node.js application components through Express.
  - Performed regression and system-level testing to verify software quality and function before it was released.
  - Implemented various authentication and Authorization flows like OAuth 2.0, OCID, SAML and SSO.
  - Worked on cloud services provided by Azure like Logic App, Function App, Load Balancer, service Bus and more.

Achievements

- Got 1st rank in intra college **Codeathon**.
- Got 2075 Global Rank in **Google Kickstart** Round B 2022.
- Got 3001 Global Rank in **Google Hash Code** 2022.
- My Team got 1st prize in **E-Summit'21 Ideathon** organized by TIEDC.
- Got 4786 Global Rank in **Google Kickstart** Round A 2022. .

Technical Skills

Programming	C++, C#, JavaScript, SQL
Other Skills	Data Structures, Algorithms, OOP, MERN Stack, TailWindCSS, CI/CD, REST, Azure Fundamentals, Design Patterns
Platforms	Visual Studio Code, Visual Studio, Git, Github, Azure Devops, Azure Portal, Postman, SSMS
Languages	Hindi(Native), English(Professional Working Proficiency)

Personal Projects

MERN Chat App

A Full-Stack chatting application with one-on-one as well as group chatting features. Uses Socket.io for real-time communication and encrypts the message using AES encryption algorithm.

Movie Site with OAuth Authentication

This project is a website that provides users with access to trending movies and enables them to search for movies by title or actor name. It incorporates OAuth authentication through Azure Active Directory for secure login and retrieves movie-related data from the MOVIEDB API, enhancing the user experience with up-to-date and relevant information.

Menu Driven CPU Scheduling Algorithm

A C++ program that calculates the Average Waiting Time, Turnaround Time, and Waiting Time of processes. The Scheduling algorithms used are - FCFS, SJF, Round Robin, and Priority Scheduling.

Bankers Algorithm Implementation

This program can avoid deadlock and allocate resources safely to each process in the Operating System. It examines all possible tests or activities before deciding whether the allocation should be allowed to each process.