Prakhar Jain

LinkedIn GitHub Portfolio LeetCode

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EDUCATION

Bachelor of Technology | **Computer Science and Engineering**	Aug 2020 - Jun 2024
Jaypee University of Information Technology, Solan	CGPA: 8.31*
Intermediate | **Matriculation**	Jun 2018 - May 2020
Maheshwari Public School	CGPA: 94.4%

PROJECTS

OneSafe | ASP.Net, Azure Function App, Azure KeyVault, Azure CosmosDB, ReactJs, TailwindCSS | **Personal Project**
- OneSafe is a secure platform for centrally storing and managing credentials, secrets, and passwords. It offers features like team-based access groups, ensuring seamless collaboration while maintaining strict security controls. Users can easily organize and share credentials across departments with granular permissions. All sensitive data is encrypted and securely stored in CosmosDB, ensuring compliance with industry standards.

Job Search Portal | Spring Boot, Spring Data JPA, React, Thymeleaf, MongoDB | **Personal Project(Ongoing)**
- A Job Search Platform that will enable users to search job listings, create profiles, submit applications, and can manage profile management. This application will serve as a platform for communication between job seekers and potential employers, and the application will send users information to the recruiters.

MERN Chat App | NodeJS, ExpressJS, ReactJS, Sockets, MongoDB | **Personal Project**
- 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.

Connect | NodeJs, ReactJs, WebRTC, Sockets, MongoDB, OAuth | **Final Year major Project**
- A full-stack video conferencing web application that utilizes WebRTC for real-time video communication and Socket.IO for a real-time chatting experience. It incorporates OAuth 2.0, allowing users to sign in using their Google accounts. Additionally, it features an integrated real-time whiteboard.

CPU Scheduling Algorithms | Operating System, Data Structures, Algorithms | **Minor Project**
- 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.

EXPERIENCE

Software Developer | Celebal Technologies   June 2023 - Present
- Developed SpringBoot microservices to assist a major telecom company in migrating from Zabbix to on-prem.
- Designed and implemented an AWS architecture for metering usage records, cutting client costs by 30%.
- Simplified the microservice architecture for a client that uses Azure services for its business use-case and improved the overall performance and cost by 30%.
- Implemented various authentication and Authorization flows like OAuth 2.0, OCID, SAML and SSO.
- Worked on various AWS services like S3, Lambda, EC2, SNS, SQS, SES, CloudFront, DynamoDB and more, to develop automation solutions for clients.
- Worked on integration services provided by Azure like Logic App, Function App, Load Balancer, service Bus and more.

POSITIONS OF RESPONSIBILITY

CodeChef College Chapter | Problem Designer
- Organized Coding contests in college for juniors.
- Organised Data Structure & Algorithm workshops and Doubt solving sessions.

TECHNICAL SKILLS

Professional Certifications: Az-900 Cloud Fundamental Certification. ✹, Az-204 Azure Developer Associate.
Languages: JAVA, C++, C#, Javascript, Python, Powershell
Tools/Frameworks: Spring Boot, Spring Security, ASP.NET Web APIs, NodeJs, ReactJS, NextJs, ExpressJs, Postman, GitHub, SSMS
Courses: Database Management, Data Structures, Algorithms, Computer Networks, Web Technology, Cloud Computing, Information Security, Cryptography

ACHIEVEMENTS

- Solved **350+** Data Structures and Algorithmic Problems on LeetCode
- 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**.