

Anant Singh

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EDUCATION

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY

B.TECH IN COMPUTER SCIENCE
Expected June 2027 | Solan, India

CITY MONTESSORI SCHOOL

ISC | CLASS XII
May 2023 | Lucknow, India
Science
Percentage: 94.25

CITY MONTESSORI SCHOOL

ICSE | CLASS X
May 2021 | Lucknow, India
Percentage: 94

LINKS

LeetCode:// AnantSingh1510
GitHub:// AnantSingh1510
LinkedIn:// AnantSingh1510
Twitter:// @AnantSingh1510

COURSEWORK

UNDERGRADUATE

Data Structures
Algorithms
Object Oriented Programming
Database Management Systems
Functional Programming
Computer Graphics
Unix Tools and Scripting

SKILLS

LANGUAGES

Go (GoLang) • Java • Python
• TypeScript • JavaScript • Kotlin • C++

DEVELOPMENT

Spring Boot, FastAPI, Gin (Go), Hibernate, JPA, SQL, Django, NodeJS, ExpressJS, ReactJS, MongoDB, Neo4J Graph DB, Postgres

OTHER

gRPC, Protobuf, Git, GitHub, GraphQL, Rest APIs, Kubernetes, Docker, Redis, WebSockets, Firebase, Linux/UNIX, NGINX, Amazon Web Services, Arduino (AWS) - RDS, SES, EC2, ECS, EKS, Lambda, EBS, S3, SQS, DynamoDB, AppConfig

ORGANIZATIONS

TECH CLUB | MEMBER

June 2023 – June 2024 | Jaypee University

ACM JUIT | MEMBER

June 2023 – June 2024 | Jaypee University

PROJECTS

STREAMPOINT | VIDEO STREAMING PLATFORM

React.js, Spring Boot, MySQL, AWS Elastic Beanstalk, S3, EC2, RDS

- Built a video streaming platform with React.js and Spring Boot, supporting up to 1000 users and smooth playback.
- Managed media files with AWS S3 and organized metadata in a MySQL database.
- Optimized hosting on AWS EC2 and Elastic Beanstalk for scalability and performance.

SKETCHSYNC | REALTIME COLLABORATIVE DRAWING

React.js, MongoDB, Express, Node.js, Socket.io

- Engineered a collaborative drawing platform that enabled 30+ users to create and modify designs in real-time, resulting in a seamless drawing experience.
- Added features like multiple brushes, transparency control, and customization.
- Ensured seamless updates with WebSocket communication.

SONICSIZZLE | MUSIC STREAMING ANDROID APP

XML, Java, Firebase, Authentication, Gradle

- Developed an Android app with Firebase for music streaming.
- Used Glide for thumbnails and real-time updates every 10 minutes.
- Managed 1000+ songs securely in Firebase Firestore.

CRICBUZZ LIVE API | WEB SCRAPPING

Spring Boot, JSoup, MySQL Database, REST API

- Built an API to fetch live cricket scores using JSoup and Spring Boot.
- Stored data in MySQL and handled 500+ requests per minute.
- Implemented error handling for reliability under network issues.

ACHIEVEMENTS

#1 SCORER - CAPTURE THE FLAG | CYBERFORGE ACADEMY

November 2024 | Solan, India

Team with the highest points scored during a cyber security Capture The Flag (CTF) event hosted by CyForge Academy, Chandigarh.

#1 IN CODE-CHAOS - MURIUS 18.0 | JAYPEE UNIVERSITY

March 2023 | Solan, India

Ranked #1 throughout JUIT in Competitive Programming event (CodeChaos) hosted by Jaypee University during Murious 18.0

#2 IN CAMPUS LEVEL COMPETITIVE PROGRAMMING - CODING NINJAS | JAYPEE UNIVERSITY

October 2023 | Solan, India

Secured #2 position in a campus level Competitive Programming challenged hosted by Coding Ninjas in Association with Associated Computing Machinery (ACM) JUIT.