

Kunal Singh

Batch: 2020-2024

Bachelor of Technology

Computer Science and Engineering

Jaypee University of Engineering and Technology, Guna

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🔗 GitHub Profile

🌐 LinkedIn Profile

Portfolio link

EDUCATION

•Jaypee University of Engineering and Technology, Guna

2020-2024

Bachelor of Technology in Computer Science and Engineering

CGPA: 7.9/10

•Army Public School, Nehru Road -Senior Secondary

2017-2019

Central Board of Secondary Education(C.B.S.E)

Percentage: 73%

EXPERIENCE

•HP Computer (link)

June - August 2023

Android Developer

Kanpur

- Developed and managed the frontend and backend of a City Search Engine Project using Java , SQLITE, XML, Android SDK, and Eclipse IDE.
- Worked on three plus applications targeting to the domain of Education; built several APIs with functionalities such as login/sign up, view location of an area, add locations, checkout the area, etc.
- Added a bulk upload feature which reduced the manual work of adding locations into a database

•HP Computer (link)

June - August 2022

Frontend Developer

Kanpur

- Worked on redesigning Travel Map build with React. to make the user experience smooth and more usable.
- Added new components that enhanced editor experience and also increased website traffic.
- Worked on writing reducers and improved the performance of the web application.

PROJECTS

•Electricity Management System

GitHub

Software Based Application

- Tools & technologies used:, Apache NetBeans IDE, MySQL Workbench, Java, JDBC, MySQL
- This project primarily focuses on calculating the number of units utilized by the customer and generating new Meter Information associated with a new customer. There some specific features User Registration and Authentication, Customer Management, Electricity Consumption Tracking, Bill Generation, Billing History and Reports, Payment Processing, Error Handling and Validation, User Interface, Database Integration.

•V-Meet

GitHub

Web Application

- Tools & technologies used: Visual Studio Code, HTML, CSS, React.js, Socket.IO
- Developed a real-time video chat application using Socket.IO, enabling users to engage in face-to-face communication over the internet. Implemented WebRTC for peer-to-peer communication, ensuring direct data transfer between users' web browsers. Created an intuitive interface for seamless user interaction.

TECHNICAL SKILLS AND INTERESTS

Languages: C, Java, JavaScript, MySQL, HTML5/CSS

Developer Tools: Visual Studio Code, Android Studio, Eclipse, Apache NetBeans IDE, IntelliJ IDE

Frameworks: React.js, Collection, Java Swing, Java AWT, Bootstrap, JDBC

Databases: MySQL

Soft Skills: Communication, Teamwork, Leadership, Problem-solving

Coursework: Data Structures and Algorithms, Database Management Systems, Operating Systems, Software Engineering, Object Oriented Programming, Computer Networks.

POSITIONS OF RESPONSIBILITY

•Joint Secretary Sports Wing, Conducted college sports fest and different sports events(Aug 2022 – May 2023)

ACHIEVEMENTS/CERTIFICATIONS

•Google Digital Garage The Fundamentals of Digital Marketing

•Infosys Springboard Full Stack Development

•Solve 500+ question of Data Structures leetcode, HackerRank,etc