

Priyanshu Bansal

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EDUCATION

IIIT HYDERABAD

MTECH IN COMPUTER SCIENCE
2022-Present | Hyderabad, Telangana
Cum. GPA: 7.17/ 10.0

MEDI-CAPS UNIVERSITY

BTECH IN COMPUTER SCIENCE
2018-22 | Indore, MP
Cum. GPA: 8.61/ 10.0

HSC(XII) AND SSC(X)

CBSE

XII (Percentage): 86.4/100

Shivpuri Public School

Ashoknagar (MP)

X (CGPA): 9.2/10

Vandana Convent School

Guna (MP)

SKILLS

CODING SKILLS

JavaScript • SQL • NodeJS
ReactJS • Angular • Bootstrap
ExpressJS • MongoDB • GraphQL
HTML • CSS • C • C++

OTHER SKILLS

Data structures & Algorithms
Problem solving

COURSE WORK

SUBJECTS

- Data Structures and Algorithm
- Data Systems
- Advanced Operating System
- Software Systems Development
- Advanced Computer Networks
- Statistical Methods in AI
- System Network Security
- User Interaction and Usability

ACHIEVEMENTS

- Secured 2464 Rank in Gate 2022
- Global Rank of 2835 in Google Kickstart 2021
- Secured Rank of 2826 in Facebook Hacker-Cup 2021 Round 2

EXPERIENCE

IIIT HYDERABAD | TEACHING ASSISTANT

01 Aug 2023 - Present | Hyderabad, India

- Collaborated with professor to curate engaging course materials, including lectures, assignments, and exams, resulting in a 20% increase in student engagement and a 15% improvement in exam scores.

PRODUCT LABS, IIIT HYDERABAD | SOFTWARE DEVELOPER INTERN

07 June 2023 - 06 Sep 2023 | Hyderabad, India

- Implemented 10+ APIs using GraphQL, which is integrated in various projects.
- Worked on Front-end technologies like HTML, CSS, ReactJS for one of the research projects.
- Implemented Open AI APIs in Ambulance Mobile App.

XORIENT SOLUTION PVT. LTD. | SOFTWARE DEVELOPER INTERN

18 Feb 2022 - 18 July 2022 | Pune, India

- Worked on Web Development From Scratch, using Angular and Typescript
- Worked on Food Quality Management Website.

PROJECTS

LIP READING COURSE PORTAL | JULY, 2023 - OCT, 2023

- Designed and developed a dynamic website offering comprehensive lip reading courses with a progressive learning structure.
- Implemented a user-friendly interface that enables learners to track their progress and view performance metrics through an intuitive dashboard.
- Tech Stack Used: ReactJS, NodeJS, ExpressJS and MongoDB

R-DATABASE MANAGEMENT SYSTEM | JULY - OCT, 2023

- Implemented a data persistent relational database from scratch with 10+ basic SQL commands: JOIN, GROUP BY, EXTERNAL SORT etc.
- Implemented the functionality of transferring the data into a Result.csv file.
- Language Used: C/C++

P2P FILE SHARING SYSTEM (BIT TORRENT) | OCT, 2022

- The Mini-torrent project is basically a peer-to-peer file sharing network. The user has functionalities like sharing a file, downloading a file, removing a file from sharing etc. Load balancing is done for multiple tracker. It is like the Bit-Torrent we have on the internet, made using c++

RULE FRAMEWORK EDITOR | OCT, 2022 - NOV, 2022

- Rule Framework Editor allows to add customised rule for conditional constructs and to check certain code based on that particular rule.
- Tech Stack Used: Javascript, ReactJS, NodeJS, ExpressJS and MongoDB

OTHER PROJECTS

- Crow-Vulture Game Application - HTML, CSS & JavaScript
- Terminal Based File Explorer - C/C++
- Knowledge Distillation Survey - Python
- Seam Carving Application - C/C++