

Dev Bansal

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EDUCATION

BITS PILANI

BE IN COMPUTER SCIENCE

Nov 2020-Present | Hyderabad, India

CGPA: 8.9 / 10.0

AARYAN INTERNATIONAL

SECONDARY SCHOOL

Grad. March 2020| Delhi, India

Percentage: 94.8 / 100.0

DAV PUBLIC SCHOOL

HIGH SCHOOL

Grad. March 2018| Haryana, India

Percentage: 97.0 / 100.0

COURSEWORK

UNDERGRADUATE

Database Management

Data Mining

Object Oriented Programming

Data Structures and Algorithms

Probability and Statistics

Higher Calculus

TECHNICAL SKILLS

Languages:

C • C++ • Java • Python • Javascript •

LaTeX • HTML5 • CSS3 • Assembly

Libraries:

Numpy • Pandas • Seaborn • Matplotlib

Frameworks:

Rest API • MySQL

Other Skills:

Competitive Coding • OAuth • Android

Dev

PROJECTS

PARK-AID | CAR PARKING MANAGEMENT SYSTEM

Aug 2021 – Dec 2021

- Built a full stack vehicle parking management web-app with both user and admin interfaces using MySQL, Java, JSP.
- Implemented user verification using Google's API and also OTP verification.
- Allows users to book and manage parking slots at public places alongwith other functionalities like providing feedback to the developer.

ERP | EMPLOYEE RESOURCE PLANNING

Jan 2022 - Apr 2022

- Developed an ERP clone for university management using advanced data structures.
- Allows students to register for courses and get their customized timetable while also solving timely issue resolutions like clashes and number of seats remaining in the course.

MEDI-XCEL | HOSPITAL MANAGEMENT SYSTEM

Jan 2022 - Apr 2022

- Designed a management system from scratch according to real world customer requirements that does away with the traditional file system.
- Developed web-app with primary focus on database management and oversaw the quality of code being written by other team members.

RESEARCH

STOCK PREDICTION | RESEARCH PROJECT

Jan 2022 – Apr 2022 | Hyderabad, India

Guide: Prof Apurba Das

- Researched on applications of data mining techniques to provide estimates of the next-day opening prices of several stocks, leading to a profitable trading strategy.

ACHIEVEMENTS

2020 Top 1% BITSAT

2020 Top 1% JEE Mains

2018 Top 0.1 % Mathematics, CBSE Examination

2017 Gold Medalist International Mathematics Olympiad

2015 Runner Up BrainEx Vedic Maths Competition

EXTRA-CURRICULARS

FIREWALLZ | MEMBER

Sep 2021 – Present

- Member of fest organizing body on campus.
- Helped in successful organization of the technical and cultural fest of BITS Hyderabad - Orbe Novo'22

NSS | VOLUNTEER

Aug 2021 – Present

- Organized various sessions in villages to educate children about personal hygiene.
- Celebrated Independence Day and various other festivals with orphanges.