

# 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 orphanages.