



SANJAY ASHOK SHETTY

NITK Surathkal

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16618816IT136

Btech Second year

Male

DOB: 29/01/1998

Examination	University	Institute	Year	CGPA/%
Graduation	NITK, Surathkal	NITK, Surathkal	2017	9.16
Intermediate/+2	Karnataka PU Board	Alvas, Moodbidri	2016	96.80
Matriculation	KSEEB	Nirmala High School, Kumta	2014	96.80

ACADEMIC ACHIEVEMENTS AND SCHOLARSHIP

- Awarded with **FFE** scholarship 2016
- Secured **311 rank** in **KCET**
- Cleared JEE Advanced.
- Awarded with **NMMS** scholarship 2010-2014

PROJECTS DONE

- **File_archiver:**[python, data structures]
This provides the basic functionalities that git provides like editing the files and branch the repository. It saves space by using Persistent data structure i.e. making copies of the affected files. All operations are implemented in log (n) time complexity. Persistent data structure is used implemented it using python.
- **Restaurant_search:**[java, sql server]
Provides user and admin login. Admin can login and add new restaurants to the database. User can login or signup and search for a restaurant using pin code or place and give review and check the reviews. Java, SQL and java swing is used.
- **Tile_swipe game:** [bash]
This is puzzle game user has the option to choose a matrix between 3 * 3 to 9 * 9. The numbers in the matrix will be in descending order and the last tile will be empty. User has to swipe the tiles and bring it to ascending order.
- **To_do_app_list** mini project:[web app using react and JavaScript]
Creating a dynamic to do app list using Reactjs and JavaScript and realising the requirement of framework.

WORK EXPERIENCE

- **Winter intern 2017:** Working as a web developer at **Roado** for a period of one month for the development of webapp using **Reactjs** and also making use of **polyglot** to give multilingual support.
- Working as executive member at **IET-NITK**.

TECHNICAL KNOWLEDGE

- Programming languages: c, c++, java, python3, bash, masm.
- Web development: html, css, javascript
 - frontend framework : Reactjs, backend: sql server
- Programming environments: windows, Ubuntu
- Currently working on: machine learning based project.

INTERESTS

- Web Development
- Machine Learning
- Data Structure and Algorithms

EXTRACURRICULAR ACTIVITIES

- Represented NITK in volleyball team at **INTER-NIT sports 2017**.
- Represented school in volleyball team during 2010-2014.

COURSES UNDERTAKEN

- Core Courses: Computer Programming, Paradigms in Programming 1, Data Structures and Algorithms, UNIX Programming and Practice, Digital Design and Computer Organisation.
- Mathematics: Differential Equations, Calculus, Graph Theory and Probability.
- Others: Physics, Chemistry, Elements of Electronics and Communication Engineering, Elements of Mechanical Engineering, Engineering Mechanics, Elements of Electrical Engineering, Engineering Graphics.