

Nithin G Shastry

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EDUCATION

National Institute of Technology, Surathkal

Karnataka, India

Bachelors degree in Information Technology (CGPA: 8.86/10.0)

Dec 2020 - present

• **Coursework:** Data Structures and Algorithms, Database Management System, Operating Systems, Compiler Design, Computer Communication and networking

RV PU College, Bengaluru

Karnataka, India

Higher Secondary School (Percentage: 88.16)

July 2018 - 2020

Bangalore International Public School, Bangalore

Karnataka, India

Secondary School (Percentage: 95.2)

up to July 2018

SKILLS

- **Programming:** Python, Java, C, C++, SQL, HTML, CSS, JavaScript
- **Other Technologies:** Git, node.js, express.js
- **Soft skills:** Time management, Team player attitude, Problem solving.

PROJECT HIGHLIGHTS

Building a game demonstrating Object Oriented Programming Concepts [code]

Apr 2021 - Sept 2021

Course Project,

- Collaborated in a team of 4 to build a simple 2D game in Java.
- Was able to learn deeper about Java and various Object Oriented Concepts used in the implementations
- Built the GUI components using Java's Swing library.

Online Food Delivery System [code]

Jan 2022 - May 2022

Course Project

- Collaborated in a team of 4 to build a demo website hosted on a local machine built with working front-end and back-end.
- design and implementation of database using MySQL.
- worked on cart and payment module in the front-end, and worked on connecting the local SQL database to the website using nodejs and expressjs.

News Summarizer [code]

Dec 2021 - Apr 2022

NITK expo,

- Worked in a team of 3 to build a web application with flask framework using an ML model at the back-end which can summarize large news articles.
- compared the ML models - Pegasus, Bart by Facebook, and T5 by google, using Rouge.
- used the pre-trained T5 model by google based on encoder decoder architecture.

EXTRA CURRICULAR ACTIVITIES

- Am an executive member of **IE (Institution of Engineers)** at NITK Oct 2021 - Present
- Took part in organizing the **enigma-2022** club event, by setting questions and making coding games. Jan 2021
- Participated in NITK **expo 2022** as a team of 3, where we demonstrated summarizing news articles using ML. April 2022
- As a team of 4, organized and conducted a Student Mentor-ship Program for the sophomores, introducing them to competitive programming concepts. June 2021 - July 2021