

# Manoj Kumar

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## EDUCATION

### NIT TRICHY

#### B.TECH

Cum. GPA: 8.66

Expected May 2022 | Trichy, India

### JNV SARDARSHAHAR

#### MATHS AND SCIENCE STREAM

Graduated April 2017 | Rajasthan, India

CBSE: 93.2

## LINKS

Github:// [manojxk](#)

LinkedIn:// [manojxk](#)

## COURSEWORK

### UNDERGRADUATE

Algorithms and Data Structures

MERN

## SKILLS

### TECHNICAL SKILLS

#### PROGRAMMING LANGUAGES

• Python • C/C++ • JavaScript

#### Web Development

• Node.js • Express.js • MongoDB

• ReactJS • REST API • Django • Django

REST framework

#### Machine Learning

• TensorFlow • Jupyter • Keras • Pandas

• Numpy • OpenCV

## AWARD

• 2 years math team captain

• Qualified for Regional Mathematics Olympiad in 2015

• Received Best in Academics award in High School, 2015

• Recipient of the prestigious Samsung Star Scholarship

• Recipient of INSPIRE Scholarship

• Global rank 282 in Codechef July challenge

• Accepted into Amazon ML Summer School(Selected in May 2021)

• Solved 900+Problems in Codechef, LeetCode, HackerRank, GFG

## EXPERIENCE

### PALEO | FULL STACK DEVELOPER

Oct 2021 – Nov 2021 | Remote

- Created a RESTful API from scratch with Node.js, Express, MongoDB and Mongoose
- Secured API by adding JWT authentication
- Add authentication using Redux Toolkit to manage global state

### CLIMATE CONNECT | DATA SCIENTIST

Dec 2020 – April 2021 | Pune, Maharashtra

- Developing Models for Electricity Demand as a function of environmental conditions
- Building Automated IDF Model to reduced Manual Intervention needed by Operation Analyst Team
- Did Research that led to a rise in Accuracy by 2.4% which is contributing 20% additional revenue for the company

### JOBDAE | SOFTWARE ENGINEERING

June 2021 – August 2021 | Bengaluru, India

- Worked as a Backend developer
- Developed a standalone platform for students to practice aptitude and programming quizzes
- Developed APIs in DRF for various new features implemented on the jobdae website
- Tech stack for the above-mentioned projects comprises of Django, DRF, Postgresql, python, SQLite

## PROJECTS

### RESOURCE FINDER

May 2021 – June 2021 | NIT Trichy, IN

- A web app that consolidates 20+ high quality study resources with just one simple scan of textbook
- Built by integrating Google-Vision-API, Google-Natural-Language-API, and Google-YouTube-Data-API

### PHOTO-PASSWORD - SECURE ACCOUNTS WITH IMAGES, NOT PASSWORDS

Jan 2020 – feb 2020 | NIT Trichy, IN

- Built a site to demonstrate how user can use an image instead of password to Sign Up and Login
- Used flask and a MongoDB database for storing users
- Built a chrome extension that receives custom parameters about the current site validation, along with a local file upload or URL

### 100 DAYS 100 PROJECTS CHALLENGE

Jan 2022 | NIT Trichy, IN

- Building small projects everyday to improve problem solving
- techs:Express.js,JavaScript,MongoDB,Node.js,ReactJS,REST API