

# Atul Malakar

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## Experience

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### Tata Consultancy Services

January 2021 – Present

#### System Engineer (Digital Cadre)

- Performed threat analysis in 24/7 environment, mitigating and managing all threats and risks to the company and gaining 91% security in applications.
- Established standard operating procedures for Application Security Pentest in Production.
- Managed and conducted Prod, Retest, Reckon and Annual Compliance considering client concerns to determine the best methods of defending the application.
- Created security metrics to reduce system vulnerability, resulting in a 10% decrease in data breaches over a one-year period.

## Education

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### Netaji Subhash Engineering College

August 2016 – July 2020

#### Bachelor of Technology

Major in Computer Science with GPA 7.71 on a scale of 10.

Major Courseworks : 1. Operating Systems 2. DBMS 3. Object Oriented Programming

## Projects

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### InterviewKit

September 2020

- A website that fully understands problems faced in preparing for Coding Interviews and hence has an amazing dashboard which has 16 different categories to bookmark your favourite questions. This CRUD application can be used to save your favourite questions, their best related solutions over the web(video/blogs) and even your personalized notes. ([Link](#))

Technologies Used : **React, Redux, Node JS, Express JS, Mongo DB, Material UI, Bootstrap 5, CSS**

### COVID-19 Tracker

July 2020

- A fully featured React Website to record the change in Covid cases around the world in a simple format. The website maintains data on total cases, total deaths and total recovered around us. The website is powered by data from a public API. ([Link](#))

Technologies Used : **React, Material UI, Chart JS, HTML**

### Blood +ve (Backend)

August 2019

- A web app which seeks to simplify the entire process of finding the right donor at the time of emergency. Anyone in need of blood can place a request and all the appropriate donor in the city will be notified through an email and hence can contact the requester. Implemented E-Mail facility so that requester's message will automatically go to the one who can donate and is available nearby.

Technologies Used : **Node JS, Express JS, Mongo DB, JavaScript**

## Languages and Technologies

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- Programming Languages - C, C++, Java, JavaScript
- Operating System - Windows, Linux, Android
- Database - MySQL, MongoDB
- Frameworks and Libraries - React Js, Express Js, Node Js, Bootstrap
- Tools - Burp Suite, ZAP, Visual Studio Code

## Achievements

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- Selected as one of 300 from 10K participants for second batch of **InterviewBit Academy** in 2019.
- **GeeksForGeeks** - Contributing and managing articles to improve various learning resources by driving the concept of BUD, also published article in the Technical scripster event 2020.
- Duo Team Qualified for **CodeChef SnackDown** Online Round 1B 2019.

## Links and Competencies

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- LeetCode ([Link](#))
- LinkedIn ([Link](#))
- GeeksForGeeks ([Link](#))