

# Prashant Rajput

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## EDUCATION

### MNIT JAIPUR

B.TECH IN ECE

CGPA 7.67

Aug 2017 - May 2021

### HBEC

12TH BOARD

CUM. PER 87.6%

July 2014 - May 2016

## LINKS

Leetcode:// **Prashant LC**

Codeforces:// **Prashant CF**

## COURSEWORK

### UNDERGRADUATE

Data Structures and Algorithms

Object Oriented Programming

Operating Systems

Database Management System

Design Patterns

## SKILLS

### PROGRAMMING

Technical Skills:

C# • Python • DotNet • SQL

Javascript • Angular

Docker • Jenkins • Message Queue •

NUnit • xUnit

Tools:

Visual Studio • Github • Postman

VS-Code • SSMS

## EXPERIENCE

### EUROFINS | SOFTWARE ENGINEER

June 2021 - Present | Bangalore, KA

- Designed and implemented **microservices architectures using gRPC** for efficient service-to-service communication, leading the project end to end.
- Leveraged advanced entity type hierarchy mapping (**TPT, TPC, TPH**) techniques to optimize data storage and retrieval, resulting in enhanced **application performance by 23%**.
- Implemented a **message queue** system in the backend to facilitate asynchronous service-to-service communication, enabling serverless architectures.
- Used **SQL Kata** for building dynamic complex sql queries.
- Utilized **Angular materials and Prime NG** components to build intuitive and visually appealing user interfaces, improving the overall user experience.
- Optimized data storage and retrieval techniques, leading to a **25% improvement** in application performance.
- **Designed and Implemented API layer** for showcasing results of customer's food test samples.
- Developed a comprehensive **automated test suite Specs**, ensuring high-quality and scalable software that reduced **manual testing efforts by 30%** and improved code quality.
- Used **ASP.NET** for **fast and performant logging** to improve performance of logging in the system by **15%**.
- Used **Hangfire** to perform background processing in applications.
- Used **NUnit and xUnit** test frameworks in unit tests for multiple services to improve test coverage.
- Resolved multiple critical customer facing bugs that were blocking customers from utilizing the results portal.

## PERSONAL PROJECTS

### DOCTORS ON TIPS

- A web-application for booking doctor appointments for clinical consultancy.
- Users can search doctors on the basis of their specialisation and availability.
- Users can book/cancel/modify the booking slots.
- Doctors can register as per their specialisation and add their consultancy fees and update their availability.