# Ravi Prakash

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## Summary

A motivated individual with good knowledge of languages and development tools, seeking a position in a growth-oriented company where I can use my skills to the advantage of the company while having the scope to develop my own skills.

## Education

**B.TECH. COMPUTER SCIENCE AND ENGINEERING**                                    *[VIT University, Vellore]*

## Work Experience

**Software Development Engineer**                                    *[Fiserv, Chennai]*
- Working with merchant portal team to scale the businesses of merchants in EMEA region.
- Implemented and integrated JWT Authentication and role-based authorization using Spring Security.
- Integrated third-party APIs and services for chatbot feature.
- Utilized caching mechanisms and lazy initialization to implement RESTful APIs which has led to decrement of response time by more than 60%.
- Used Swagger UI to interact and visualize different REST APIs endpoints.

**Honeywell Accelerator Program**                                    *[Honeywell (Remote)]*
- Worked on a real-time project which was mentored by honeywell developers.
- Made a Usage Tracking website for a single-page web app using Spring boot, Hibernate, HTML, CSS, Bootstrap and Angular.

**Full Stack Developer Intern**                                    *[Foxmula (Remote)]*
- Learned various skills in web development domain implementing Spring boot, Hibernate and Thymeleaf.
- Made clone of a website named Livspace.

## Certificates

- Spring and Spring Boot Masterclass
- Full Stack Web Development Masterclass: Beginner to Advanced
- DSA Self Paced

## Skills

Java Spring Boot Hibernate Thymeleaf HTML CSS Bootstrap JavaScript TypeScript C++ Angular MySQL PostgreSQL Swagger

## Personal Projects

**Let's Blog**                                    *[]*
- A complete backend solution for a blogging application which provides numerous functionalities to the frontend developers.
- It helps users to create, delete, update, sort, search, categorize a post according to a particular category and used Pagination to show the list of posts in different pages to save resources.
- Implemented JWT authentication and role-based authorization to secure and manage the access of APIs and used lazy initialization to improve the performance of the app.
- Implemented user input validation and global exception handling to make the application robust towards unwanted interruptions.
- Implemented advanced hibernate mappings to establish the relationship between different database tables and used Swagger UI to document the APIs.

**PingMe**                                    *[]*
- A All in One solution for managing your servers whether it be a broadband or router or your personal computer.
- It will consist of multiple functionalities which includes add, delete, custom form validation, filter servers on basis of their status, notification service and pinging the servers.
- It will help users to generate the report of the servers in excel format and it also have multi-device adaptability.

**Employee Manager**                                    *[]*
- A one stop solution for employee management.

- Unlike any other webapps, it provides add, delete, update, filter/search of any set of employees along with the alert prompt and have multi-device adaptability.

**Coding Handles**

CodeChef - 4 Star

Leetcode - Top 25%

GeeksforGeeks - 550+ Problems Solved