

# Rajat Thakur

Senior  
Software  
Engineer

## Contact

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Karnataka

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### Website

[https://  
thakurrajat126.github  
.io/](https://thakurrajat126.github.io/)

## Skills

Data Structure and  
Algorithms

Java – Spring MVC

MongoDB

AngularJS

MySQL

Node.js

React.js

## Languages

English  
Hindi

An inquisitive and determined **full stack Software Engineer** offering **4 years of experience** in demanding environments focused on producing cutting-edge systems for Software Industry.

## Work History

### Senior Software Engineer

OneBill Software, Bengaluru, Karnataka (Sept'17 – Current)

- **Full-stack developer** who develops new and maintains existing applications
- Experience working with Design Patterns such as MVC and spring framework
- Versed in software development life-cycle, OOP concepts, database design
- Helped teams in **customer onboarding** by **gathering requirements** and providing POCs of integrations required
- Experience with **third-party integrations**
- Deep understanding of HTTP methods, RESTful architecture
- Experience in handling **server operations** , **application setup and maintenance**

## Projects

### 1. SMS-gateway

#### Implementation Engineer @UIDAI/Onebill Software (2020-21)

- Worked as an implementation engineer at client (UIDAI)
- Been part of requirement gathering and solution design for achieving **highly available and reliable solution**
- Implemented **microservices** for SMS delivery over SMPP
- Architecture design , full lifecycle development and infrastructure level tuning
- Production servers application setup
- High Availability setup and testing of app servers, mongoDB, activeMQ
- Production **benchmarking**
- Operations management and **monitoring**

### 2. Single Sign On

#### Software Engineer @Onebill Software (2019)

- Understanding existing applications and creating single-sign-on(SSO) functionality amongst two applications

### 3. Freelance project

- Created a landing website and CRM portal for London Investopedia (2017)

### 4. Hostel management system

#### Student @BUEST (2015)

- A dynamic room allotment and hostel management system
- **Project lead** in a team of four

## Tools and Technologies

- Languages : **Java, HTML, CSS, Javascript**
- Web frameworks : **AngularJS, ReactJS**
- Frameworks : **Spring MVC , Spring Boot , NodeJS**
- Hands on : **HTTP , AMQP , SMPP**
- Database : **MongoDB, MySQL**
- Queue Systems : **ActiveMQ , RabbitMQ**
- Web servers : **NGINX , Apache tomcat**
- Operating Systems : **Windows, Linux**
- IDE : **Eclipse, Visual Studio Code**
- Source Control : **Git**

## Other interests

- Music production
- Playing guitar
- Reading books
- Mountain biking
- Photography