

Shubham Kumar

☎ (+91) 6200956862 | ✉ kumar53shubham@gmail.com | 📷 kumar53shubham | 🌐 shubham53 | 📁 shubham-kumar

Education

React Js

LEARNING

Java Certification

WITH IT'S FRAMEWORK (I.E, SPRING,SPRING-BOOT)

Ducat

IITRAM(Institute of Infrastructure Technology Research and Management)

B.TECH IN ELECTRICAL AND COMPUTER SCIENCE ENGINEERING

Ahmedabad,Gujarat

CGPA: 7.36 | Aug. 2017 - May. 2021

DPS(Secondary Delhi Public School)

12TH(CBSE)

Gaya,Bihar

67.4% | 2016

GBPS(Gyan Bharti Public School)

10TH(CBSE)

Gaya,Bihar

CGPA:8.2 | 2014

Experience(6 months)

Mansukh Securities & Finance Ltd.

ATS SOFTWARE DEVELOPER

New Delhi

2023

- Worked on existing project SpreadSheet that was developed in Swing.
- SpreadSheet is like Microsoft Excel. In this project , added some new features like Redo, getting data from one table to other table using their cell address.

Project

Shubham Hardware Frontend (Working)

ONLINE SHOPPING STORE

2023

- A web application like amazon, for shopping where admin can add product and users can buy these product.
- Application contains many modules: User, Admin, Cart, Order etc.
- Infinite scroll as well as Search functionality added on the products.
- Used Rich-Text-Editor for description,this editor help to Customize the description like font, style, table etc.
- Login with google feature were added.
- Tech stack:HTML5,CSS,Javascript,React js,Bootstrap.

Shubham Hardware Backend (Working)

API's

2023

- Created api's for various modules like User, Admin, Cart, Order, Payment etc.
- Payment integration were added using Razorpay.
- Each modules contains various api's like create, update, delete, fetch with sorting, page-size, page-number.
- Created and pushed image of the project using docker and also worked with EC2 instance in AWS.
- Tested the api's using Junit & Mockito, and also used Swagger for Documentation.
- Technology used to complete this project:Java,Spring-Boot,Mysql,Postman,Docker,AWS

Smart Contact Library

MANAGEMENT SYSTEM

2023

- This library is used to store the user details and perform certain operation on those data.
- Spring Security is used at the Login and Registration page.
- Technology used to complete this project:HTML5,CSS,Bootstrap,Core java,Thymeleaf,SpringBoot,MySQL,VS Code

Developer PortFolio

PERSONAL-PORTFOLIO

2022

- This portfolio explain about my work details and experiences.
- Technology used to complete this project:HTML5,CSS,Javascript,Core java,JSP,PostgreSQL

Error Performance of Various Digital Modulation

IITRAM,Ahmedabad

DIGITAL MODULATION PROVIDES USERS MORE INFORMATION CAPACITY AND HIGH DATA SECURITY.

2020

- Modern digital communication systems have become popular due to its rapid availability and low cost of digital components.
- Introduced to minimize average energy required for signal constellation to achieve energy efficiency.

Detection of Apnea event using EEG and ECG signal

IITRAM,Ahmedabad

SIGNAL THAT DETECTS THE ELECTRICAL ACTIVITY OF THE HUMAN BRAIN AND IT RECORDS ALL THE PHYSIOLOGICAL CHANGES OCCUR IN THE BRAIN.

2020

- Detection of Sleep Apnea has been done using the sample of 16PSG from 60 male subjects with or without Sleep Apnea syndrome.
- The process involved pre-processing of signal with five level of wavelet decomposition followed by classification.

Skills

DevOps	AWS, Docker
Back-end	Core Java, Servlet, JSP, Spring, Spring-Boot
Java Technology	Oops, Multithreading, Exception Handling, Collections
Front-end	HTML5, CSS, Javascript, React Js, Redux
DataBase	MySQL, Oracle, MongoDB, PostgreSQL
Server	Tomcat, Weblogic, Xampp
Testing	JUnit, Mockito
others skills	LaTeX, Matlab
Languages	English, Hindi
Certified Course	Essential for NX Designers, Java

Research and Publication

Performance analysis of efficient Digital Modulation schemes over various fading channels

ELSEVIER

DIGITAL MODULATION TECHNIQUES

Sep. 2021

- Various digital modulation techniques such as square QAM (SQAM), triangular QAM (TQAM), rectangular QAM (RQAM), cross QAM (XQAM) as well as hexagonal QAM (HQAM) are widely used in numerous commercial communication systems.
- Digital modulation have ability to convey larger amounts of information at a greater rate.
- DOI : See Publication

Internship

IITRAM,E-yantra Laboratory

IITRAM, Ahmedabad

BIRD DRONE PROJECT

June. 2019 - July. 2019

- Worked on Robotics flying bird known as an ornithopter.
- The aim of the project was to make an operational prototype of the ornithopter with low cost and which could be controlled remotely from a certain range.
- Aerodynamic shape and stability are some of the critical parameters used in manufacturing this robotics flying bird.

Bihar State Power Transmission Company Ltd.

Patna, Bihar

PLANT TRAINING

May. 2018 - June. 2018

- Completed internship in Bihar State power Transmission Company Ltd (BSPTCL) at 132/33KV power grid.
- Observed how to step down the voltage level using transformer and distribute it further.

Hobbies

- Playing Chess
- Cooking
- Listening Song

About and Personality

I am quite curious by nature, Interested in devising a better problem-solving method for challenging tasks, and learning new technologies and tools if the need arises.