

# Shikhar Varshney

Knowledge in Java, Spring, Virtualisation and Cloud Computing.  
Creative and Organized with an analytical bent of mind.  
Passionate individual with great interpersonal and communication and analytical skills.



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## WORK EXPERIENCE

### Android App Development (INTERN)

Finertia Technologies Pvt Ltd, Noida

05/2020 – 06/2020

- Created a web service Using **Rest API** in **Spring MVC** and successfully Performed CRUD using Hibernate as connection pool.
- Successfully Tested those API requests in JSON using POSTMAN (API tester).
- Using **Flutter** in **Android Studio** , Developed pages for a live Project HitechStudy.
- Created refreshed UI Screens for the application like On boarding screen,Login and Sign Up page, Side- Drawer,Homepage with custom Navigation Drawer , Subject Page ,Profile Page and fetched the data Using API.
- Created **BackEnd** and **FrontEnd** from scratch separately.

### Web Development (INTERN)

Webisdom Pvt Ltd, Noida

06/2019 – 07/2019

- Performed CRUD on table using PHP, Bootstrap, SQL on PHPMyadmin .
- Creating a multiple dropdown in tables value using Ajax, PHP, and SQL JOINS.
- Implementing the concepts of Sessions and Cookies in creating login page and displaying username, whole project architecture was done under MVP architecture.
- Provided support to website designing team on a CMS type live project on Dentege.com .
- Optimising the PHP code by using isset() and using CSS Spririt /GZIP to load page faster.

## PERSONAL PROJECTS

### Cement Analysis Tool (Mobile Application)

National Council for Cement and Building Materials, Faridabad,Haryana

05/2020

- Solved **Real-Time Problem** of Testing Results of Cement Analysis getting Delayed because of Complex and repetitive calculations .
- Successfully created a mobile application in **Flutter** for department which helped them to **reduce** their calculation time thereby **increasing efficiency**.
- Involved in the full life cycle of the project including analysis design, development, debugging, testing, and deployment of the application.

### Faculty Searching Database (Desktop Application in JAVA FX + Swing)

- **Solving** a major problem faced by students in **real time** in University as they could not find information to which faculty to concern for resolving their Issues.
- After analyzing requirements from both students and Faculty ,designed modules, build the application pages, inserted SQL query/relational databases.
- Single-handed created application on Java Swing on Faculty Search using MySQL database.

### Cloud Monitoring Dashboard in AWS

03/2019 – 04/2019

- Implemented Cloud Monitoring best practices in AWS CloudWatch and alarm based automated monitoring system using AWS **Lambda codes**.
- Used AWS TimeStream for metric analysis and displaying them graphically on Dashboard.

## EDUCATION

### B.Tech Computer Science and Engineering

2017 – Present

Pursuing Bachelor of Engineering in Computer Science from **University of Petroleum and Energy Studies, Dehradun**

with Specialization in **Cloud Computing** And **Virtualization** with aggregate 7.45 CGPA

### XII - CBSE

DAV Noida, Uttar Pradesh with aggregate 85% .

### X - CBSE

DAV Noida, Uttar Pradesh with aggregate 9.4 GPA.

## KEY SKILLS

- Data Structures And Algorithms
- JAVA and Object Oriented Programming
- J2EE frameworks in Spring MVC with Hibernate
- Software Development Life Cycle
- DevOps (Agile Methodology,Scrum framework)
- Database and MySQL Queries and Scripting Skills
- Excellent problem-solving skills
- Operating system knowledge and Computer Networks

## TECHNICAL SKILLS

- **Programming Languages :**  
JAVA , C , HTML , PHP , Dart
- **Database and Connectors :**  
MySQL , XML, MS Access
- **Tools and Technologies:**  
Amazon Web Services(AWS) , OCI ,  
JAVA Swing , JAVA FX,  
Hibernate,Postman,Maven,Json
- **Frameworks:**  
Spring , Flutter
- **Hands on Experience on IDE :** Eclipse ,  
Android Studio , NetBeans

## CERTIFICATIONS

- Oracle Cloud Infrastructure 2020 **Certified Associate**  
ORACLE - July 2020 - July 2022

## RECENT ACHIEVEMENTS

- Secured **Global Rank-18 , All India Rank-13** in **Credit Suisse** Global Coding Challenge 2020.
- **Earned** 5 Stars in Hackerrank's Problem Solving (Data Structures and Algorithms).
- Created an APP prototype For **Women Safety** aimed to help women against False cases .
- Won 1st prize in Inter Hostel **Table Tennis** competition.