

# Bhumika Agarwal

Software Developer

(+91) 9315351119 | [bhumika.agarwal@cognizant.com](mailto:bhumika.agarwal@cognizant.com) | [LinkedIn](#) | [GitHub](#) | Employee ID - 2116456

## EDUCATION

<b>University of Petroleum and Energy Studies</b> <i>Bachelor of Technology in Computer Science Engineering</i>	Dehradun, Uttarakhand June 2018 - June 2022
<b>Blue Bells Model School</b> <i>AISSCE - XIIth</i>	Gurugram, Haryana April 2017 - June 2018
<b>Blue Bells Model School</b> <i>AISSE - Xth</i>	Gurugram, Haryana April 2015 - March 2016

## EXPERIENCE

<b>Programmer Analyst</b> <i>Cognizant</i>	July 2022 - Present <i>Mumbai, Maharashtra</i>
<ul style="list-style-type: none"><li>Developed and maintained high-quality software applications with <b>Java, Spring Boot, React.js, and MySQL</b>.</li><li>Wrote clean, maintainable, and well-documented code and effectively <b>troubleshooted and debugged</b> issues for software applications.</li></ul>	
<b>GenC Next Intern</b> <i>Cognizant</i>	Jan 2022 - June 2022 <i>Remote</i>
<ul style="list-style-type: none"><li>Developed <b>Mail Order Pharmacy</b> web application using <b>Spring Boot</b> and <b>React JS</b>, and implemented <b>JUnit</b> testing for the web application, ensuring the reliability and stability of the software.</li><li>Collaborated with team on feature development, resulting in a significant <b>30%</b> boost in customer satisfaction for Mail Order Pharmacy web application.</li></ul>	
<b>Software Developer Intern</b> <i>Formula</i>	May 2021 - July 2021 <i>Remote</i>
<ul style="list-style-type: none"><li>Enhanced <b>RESTful API</b> performance by <b>25%</b> through seamless migration to <b>Spring Boot</b> with auto-configuration, optimizing efficiency and responsiveness.</li><li>Developed scalable LMS (Learning Management System) web application APIs using <b>Spring Boot</b> and <b>Github</b>, resulting in <b>20%</b> reduction in errors and <b>15%</b> faster response times, significantly enhancing user experience and productivity.</li></ul>	

## PROJECTS

### DocumentWeb | *Java 17, Spring Boot, MySQL, JSP, GitHub*

- The application allows users to upload and store files, and generates a sharable download link for each uploaded file.
- Developed scalable **file upload feature** and enabled sharing of download links, resulting in a **40% increase** in user engagement.
- Successfully processed and stored over **100 files**, with an average file size of **2MB**.

### Examportal Application | *Java 17, Spring Boot, MySQL, ReactJS, Github*

- Developed an online exam app enabling teachers to conduct and evaluate MCQ exams and students to attempt and view scores.
- Implemented **JWT authentication** for secure access to the platform.
- Designed a **User portal** for students to take **timed tests**, and an **Admin portal** for efficient test and quiz management.
- Achieved a significant increase in efficiency by **30%** compared to traditional exam-taking methods.

## TECHNICAL SKILLS

**Backend:** Java, Spring Boot, MySQL, MongoDB, Maven  
**Frontend:** HTML, CSS, JavaScript, React.js  
**Architectures:** MVC, Microservices  
**Version Control:** Git, GitHub