**Suraj Giri**

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**EDUCATION**

**Bachelor of Computer Applications (BCA), Computer Science** 2022-2025

Shri Ram Institute management and technology Kashipur , Uttarakhand

**PROJECTS**

**QuickInvoice – Online Invoice Generator [[Github](https://github.com/SurajGiri55446/invoice-generator)]**

* Developed a full-stack invoice management web application with **automated, real-time PDF generation**, reducing manual invoice preparation time by 40%.
* Integrated **Clerk authentication** for secure and seamless user login and registration.
* Implemented **JWT-based access** control, enhancing data protection and ensuring seamless session management; findings led to fixing the three biggest causes of user authentication crashes, improving security.
* Enabled users to create, view, update, and delete invoices with support for **unlimited, user-configurable line items**, increasing flexibility by 60%.
* Integrated **SMTP email service**, enabling automated PDF invoice delivery with a **99% successful send rate**.
* Utilized MongoDB for efficient data storage, supporting up to **10,000+ stored invoices** without performance degradation.
* Secured API endpoints with Spring Security and token validation, reducing vulnerability reports by **50%**.

**Job Portal System – Full-Stack Job Application Platform [[Github](https://github.com/SurajGiri55446/job-portal)]**

* Built a full-stack job portal using **Spring Boot, MySQL, Hibernate, and Thymeleaf**, enabling employers to post jobs and applicants to apply, streamlining the hiring process.
* Implemented secure **authentication** & role-based access control (EMPLOYER, APPLICANT, ADMIN) with Spring Security & BCryptPasswordEncoder, ensuring reliable and secure login/registration.
* Designed and optimized job search with filters (title, location, salary) & pagination, improving job discovery efficiency by 40%.
* Integrated resume upload and employer-side resume management, enhancing applicant profiles and boosting employer engagement.
* Configured MySQL with JPA/Hibernate to manage 500+ job listings & applications with optimized queries for high performance.
* Added real-time in-app notifications & **automated email alerts (SMTP**) for application status updates, achieving 95%+ delivery success.
* Improved system stability by resolving critical issues (dependency injection, security configuration, DB connection errors), increasing reliability and reducing downtime.

**Tech Stack:** Java, Spring Boot, Spring Security, Hibernate, MySQL, Thymeleaf, Maven, HTML, CSS, JavaScript

**SKILLS**

* **Programming Languages:** Java, JavaScript, C/C++
* **Web Technologies**: HTML, CSS, React.js, Bootstrap
* **Backend:** Spring Boot, REST APIs, JWT, Clerk Auth , Hibernate(ORM)
* **Databases:** MySQL, MongoDB
* **Tools & Others:** Git, Docker, Postman, SMTP ,Postman
* **Concepts:** Object-Oriented Programming (OOP), Authentication & Authorization, API Security, MVC Architecture

**ADDITIONAL DETAILS**

* [**HackerRank Skill Certification – Java**](https://drive.google.com/file/d/1AQb92FxQYSYzZqBJnsLiABP5fFn4oPxb/view?usp=sharing)
* [**TestDome Certification – Java & Spring Boot**](https://www.testdome.com/certificates/fd5cc5b2c73c4955af40d3b0f9e715ff)