

Tikesh Turkar

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WORK EXPERIENCE

M.P. State Electronics Development Corporation Ltd. (MPSeDC) Bhopal

Full Stack Developer Intern

Mar 2024 - Dec 2024

- **Developed and maintained web applications** using **Spring Boot, Spring MVC, Angular and MySQL**.
- **Worked on government projects** including **MPMSME** and **Sampada 2.0**, contributing to feature development and optimization.
- Designed and implemented **RESTful APIs** to enable seamless data exchange between frontend and backend.
- Improved UI/UX by integrating responsive design principles with **Bootstrap/Tailwind CSS**.
- **Enhanced database performance** by optimizing queries in **MySQL / MongoDB / PostgreSQL**.
- Integrated **authentication mechanisms (OAuth, JWT)** to ensure secure access.
- Debugged and resolved issues to enhance user experience and functionality.

EDUCATION

Lakshmi Narain College of Technology, Bhopal

Master of Computer Applications - 8.33

2021 - 2023

Swami Vivekananda Institute of Technology, Balaghat

Bachelor of Computer Applications - 7.67

2017 - 2020

PROJECTS

Smart Contact Manager (SCM) – Full Stack Web Application

Dec 2024 - Jan 2025

Description: A web-based contact management system that allows users to securely manage their contacts, send emails, and integrate with cloud storage.

Technologies: Spring Framework, Spring MVC, Spring Boot, MySQL, Thymeleaf, TailwindCSS, JavaScript.

- Sign-up with **email & password, Google, and GitHub OAuth**.
- Add contacts with profile pictures, stored using **AWS/Cloudinary**.
- Emails support **text & file attachments** using **Java Mail Service**.
- View & edit **profile details**, Toggle between **dark & light themes**.
- Implemented **Spring Security** for user authentication & authorization.
- Used **Spring Data JPA & Hibernate** for optimized database transactions.

Employee Management System

Aug 2024 - Sep 2024

Technologies Used: Java, Spring MVC, Thymeleaf, MySQL, REST API, JWT Authentication.

- Developed a Student Management System with user authentication and role-based access control.
- **User Signup & Login:** Implemented secure authentication using JWT and bcrypt encryption.
- **Dashboard Access:** Allowed users to view, update, and manage student data after authentication.

CRUD-Based Student Management System

Feb 2024 - Mar 2024

Technologies Used: Java, Spring Boot, Hibernate, MySQL and Angular.

Features: Create, Read, Update, Delete (CRUD) operations, Student Registration, Search & Filter, Authentication

SKILLS

Backend: Spring, Spring Boot, Spring MVC, Spring Security, Spring JPA, Hibernate, REST API, OAuth, ORM, Thymeleaf.

Frontend: Angular, AngularJS, HTML, CSS, Tailwind CSS, JavaScript, TypeScript

Databases: MySQL, MongoDB.

Cloud & DevOps: AWS, Cloudinary SDK.

Programming Languages: Java, JavaScript.

CERTIFICATE

Alpha (DSA with Java) Certification – Apna College

Completion Date: [Oct, 2023]

Skills Covered: Data Structures, Algorithms, Java, Problem-Solving.