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EDUCATION

•**Bachelor of Technology in Computer Science and Engineering**   *2022-26*
Symbiosis Institute Of Technology, Pune   CGPA: 7.0

PROJECTS

•**Smart Contact Manager**

A full-stack web application for efficient management of personal and professional contacts.

– Implemented OAuth 2.0 using Google and GitHub for secure and hassle-free user authentication.
– Developed dynamic CRUD operations with optimized query execution using Hibernate ORM.
– Incorporated a responsive UI using Thymeleaf templates to allow users to customize contact details and profile pictures.
– Managed backend using Spring Boot, enabling fast and scalable RESTful API interactions.
– Integrated MySQL database with efficient schema design to handle large volumes of contact data.
– Tech Stack: Spring Boot, Hibernate, Thymeleaf, MySQL.

•**Self Checkout App**

A cutting-edge supermarket checkout system leveraging computer vision and machine learning.

– Developed real-time product identification and categorization using TensorFlow and OpenCV.
– Built and integrated barcode-scanning functionality for enhanced usability and faster transactions.
– Deployed a modular architecture using Docker to ensure scalability and portability across environments.
– Designed an intuitive React.js-based frontend for seamless user interaction during checkout.
– Achieved up to 85% accuracy in product recognition through extensive model training and optimization.
– Tech Stack: TensorFlow, OpenCV, React.js, Docker, MySQL.

•**QuickLinker**

A full-stack URL shortening application with advanced features and cloud-ready deployment.

– Enables users to generate short URLs and provides detailed analytics, including click counts, per-user statistics, and daily trends visualized with column charts.
– Integrated Spring Security with JWT for robust, role-based user authentication and data protection.
– Built a responsive React frontend, a scalable Spring Boot backend with Thymeleaf templates, and initially used MySQL for development, shifting to PostgreSQL for cloud deployment.
– Deployed the application using Docker, ensuring consistency and portability across environments.
– Developed RESTful APIs and optimized query execution to efficiently handle URL management and analytics at scale.
– Tech Stack: React.js, HTML, CSS, JavaScript, SpringBoot, Thymeleaf, Spring Security with JWT, MySQL (development), PostgreSQL (cloud deployment), Docker Cloud-ready architecture

TECHNICAL SKILLS

Languages: C++, Python, Java, HTML/CSS, JavaScript.

Frameworks: React.js, Spring Boot.

Databases: MySQL, MongoDB.

Tools: Git, GitHub, VS Code, Docker.

Relevant Coursework: Data Structures, Algorithms, DBMS, OOP, OS.

Areas of Interest: Web Development, DevOps, Cloud Computing.

Soft Skills: Problem Solving, Teamwork, Adaptability, Communication Skills, Conflict Resolution.