Aman Puskar

Fullstack Developer

email:amanpuskar@gmail.com   No:9811559451
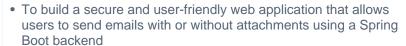
Projects

Email Sender Application 🔗 </>

- To build a secure and user-friendly web application that allows users to send emails with or without attachments using a Spring Boot backend

- Designed and developed REST APIs using Spring Boot and JavaMailSender to send emails with or without attachments. Integrated a simple frontend using HTML/CSS to connect with the backend via HTTP requests.

- Send emails to any valid recipient. Compose subject and message content via form. Upload and send file attachments (PDF, images, docs, etc.). Handles both text-only and multipart/form-data requests. Instant response after sending (success or failure). Validated input fields and handles empty or invalid emails gracefully.

Skills Developed: React.js, Spring Boot, Tailwind

Password Generator 🔗 </>

- To create a tool that generates strong, customizable passwords for users to improve security in logins and registrations.

- Built a React.js application with dynamic state management using useState and event handling. Implemented logic to generate secure passwords based on selected character types and length.

- Generates random passwords with uppercase, lowercase, numbers, and special characters. Customizable password length with a real-time slider or input. Option toggles (checkboxes) for selecting character types. One-click copy to clipboard. Clean UI with responsive design using CSS.

Skills Developed: React.js, Tailwind, HTML, CSS, Javascript

MyChat </>

- To build a real-time, secure, room-based chat application enabling private communication between users with encryptio

- Developed a full-stack chat app using React.js for frontend and Spring Boot for backend with WebSocket (STOMP) for real-time messaging. Implemented end-to-end encryption and room-based messaging using dynamic routing and persistent storage in MongoDB.

- Real-time messaging via WebSocket (SockJS + STOMP protocol). End-to-end encryption using AES (CryptoJS) for secure communication. Room-based structure — users join specific chat rooms with unique IDs. Message persistence using MongoDB — all messages are stored securely. Messages are decrypted only on the client side (zero-knowledge backend). Modular code structure with clear separation of concerns.

Skills Developed: React.js, Spring Boot, Socket.io, MongoDB, Tailwind, Hibernate (Java), API

Achievements/ Extracurricular Activities

Skills

HTML | Javascript | React.js | Tailwind | Java | Spring Boot | Data Strucutre & Algorithm (DSA) | MySQL

Education

Aster Public School
Class X | 9.4 CGPA
2020 - 2020

Aster Public School
Class XII | 8.4 CGPA
2022 - 2022

Noida Institute of Engineering & Technology (NIET), Greater Noida
B.Tech, Information Technology (IT) | 7.16 CGPA
2022 - 2026

Certifications & Courses

Programming in core Java

May 2025 | Certificate Link

Object Oriented Programming in java

January 2024

Database Management System

October 2024 | Certificate Link

ReactJS

December 2024 | Certificate Link

- 600+ questions on LeetCode and CodeChef.
- Receive a diamond badge for maintaining 100 days streak on CodeChef
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