

SUNIL SINGH

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SUMMARY

- Detail-oriented and passionate Software Engineer with hands-on experience in backend development, RESTful APIs, cloud deployment, and full-stack project delivery. Skilled at building scalable web applications using modern frameworks and agile development practices. Enthusiastic about learning, problem-solving, and delivering impact-driven software.

TECHNICAL EXPERIENCE

Shrinfy – URL Shortener with Analytics Live App | GitHub

Spring Boot, MySQL, Azure, React, Tailwind CSS

2025

- Developed a secure, full-stack URL shortener with JWT-based user authentication and RESTful APIs.
- Implemented analytics dashboard using Chart.js to visualize per-link click data in real time.
- Hosted backend on Azure App Service; frontend built using React and Tailwind CSS.
- Created and configured a CI/CD pipeline using GitHub Actions for automated build, test, and deployment.

GennieReply – AI Email Assistant GitHub | Chrome Extension

Spring Boot, Gemini API, Chrome Extension, Docker

2025

- Built an AI-powered email reply generator using Gemini API integrated via Spring Boot backend.
- Developed a Chrome Extension that injects AI replies into Gmail and Outlook web interfaces.
- Dockerized backend and deployed on Azure with secure environment variable handling.

Java Socket File Transfer System GitHub

Java, Sockets, Multi-threading, File I/O

2025

- Built a multi-threaded Java client-server system for file transfer and text messaging using socket programming.
- Enabled secure upload/download with file validation, size limits, and user-friendly command-line interface.
- Handled 100k+ concurrent clients with persistent server availability and connection timeout handling.

EDUCATION

Panjab University

Chandigarh, India

B.E. in Computer Science and Engineering

2022 – 2026

TECHNICAL SKILLS

Java, Spring Boot, REST APIs,

MySQL, Docker, Azure

React.js, Tailwind CSS, Postman

WebSocket, Git/Github, Linux

C++, Python, HTML/CSS, JSON, Maven

CERTIFICATIONS

& ACTIVITIES

- Smart India Hackathon – Participant
- Ideathon 2024 – Finalist
- IEEE GEM 2025 – "Predictive User Engagement Modeling Using Time Series Analysis"
- Active Member – ACM Student Chapter