Shivam Chikara
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Summary

Full-Stack Developer skilled in Java, Python, React, Node and cloud computing. Experienced in building scalable applications, and applying AI-driven solutions. Strong problem-solver with a focus on innovation, usability, and performance. Seeking SDE roles to solve complex challenges with scalable solutions.

Technical Skills

- **Languages/Tech** - Java, Python, JavaScript, NodeJS, NoSQL, RDBMS, Git & GitHub, ReactJS, Express.js, Docker, AWS(Lambda, S3, EC2), Azure, Springboot, Hugging Face & Vercel.
- **Fundamentals** - OOPS, DBMS, Data Structure and Algorithms, Operating System, Computer Networks, Linux, Cloud Computing, Machine Learning, & Restful API, Software Development Life Cycle, Agile, & Problem solving.

Projects

MAX (Hospital Management System) — 2024

- **Hospital Management Platform (MERN Stack):** Built a full-stack system with **Patient, Doctor, and Admin panels** supporting JWT authentication, appointment booking, secure payments (Stripe), and remote consultations.
- **AI Skin Cancer Detection (CNN Model, 94% Accuracy):** Integrated a Kaggle-trained CNN deployed on **Hugging Face**, enabling patients to upload skin images for early melanoma/benign lesion detection at home.
- **Deployment & Impact:** Deployed via **Render, and Hugging Face**, achieving **60% faster service**, **30–40% less hospital congestion**, and **100% digital bookings & payments**.

Nagasaki City Food (Restaurant Management System) — 2025

- **Restaurant Management System (Spring Boot, React, Tailwind, MySQL, JWT, Stripe):** Built for Nagasaki's **Stadium City Project** with **Admin panel** (manage restaurants & menus) and **Customer panel** (order food/drinks, secure payments).
- **Impact:** Reduced **crowd by 40%**, enabled **fast digital payments via Stripe**, and streamlined online food ordering experience.
- **Future Scope: ML-based recommendation system** for suggesting popular restaurants and food items.

E-Vending Machine (Digitalization of the Vending Machine) — 2025

- **E-Vending Machine (React, Tailwind, Node.js, Express, MongoDB Atlas, QR Code):** Digitalized vending system with **Customer panel** (scan QR, select product, pay online) and **Admin panel** (add products, manage vending machines).
- **Impact:** Enabled **fast & secure cashless transactions**, reduced **crowd by 80%**, and improved **service speed by 40–50%**.
- **Core Features: Connectionless payments, QR-based access, real-time product selection & management** for modern vending operations.

Education

JAIN (Deemed-to-be University), India — 2022-2026

- *Bachelor of Technology in Computer Science and Engineering | CGPA: **8.63/10***

Golden Public School, India — 2021-2022

- *Inter-School (12th) PCM | CGPA: **8.22/10***

Golden Public School, India — 2019-2020

- *High-School (10th) | CGPA: **8.45/10***

Certifications

Full-Stack Developer *-NxtWave Academy*
Amazon Web Services *-NxtWave Academy*
Python *-NxtWave Academy*
Japanese Language Proficiency (N5) *-Nihongo Achievement Test*

Publications

- IoT-Driven Smart Classroom System for Efficient Resource Monitoring and Automation — **IEEE Conference - ICRET 2025**
- Advancing Log Analysis and Anomaly Detection with Large Language Models. — **IEEE Conference - ICCCNT 2025**

Languages

English   Japanese   Hindi