ABHISHEK SINGH

⋄ My Portfolio

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SKILLS

Technical skills	Java, Spring Boot, Git, Docker, SQL, AWS, Linux, Scikit-learn, Python, Machine Learning, C++, Flutter, Data Structure and Algorithms

EXPERIENCE

Java Backend Intern   August 2025 - November 2025
PolicyBazaar.com   *On-site Gurugram*

- Built a Spring Boot microservice for healthcare consultations enabling online/offline doctor bookings, patient profiling, and payment status tracking.
- Integrated secure partner REST APIs with JWT, persisted via JPA, and streamed structured logs to Kafka.
- Added robust validation, in-memory caching, and date/time utilities for reliable, timezone-aware processing.
- Implementing APIs for AiSHA getting Heath Data, graph data and post API for saving data in DB with proper JWT Token authentication.

AI Researcher   January 2025 - February 2025
Coding Jr   *Remote*

- Building custom copilot using open Large Language Model and fine tune according to custom use case.

PROJECTS

AiSHA - Your Personal Health Assistant (Live in DocPrime App by PolicyBazaar)   **View Project**

AiSHA is smart health assistant which used rppg technology to predict health metrix. It provide you SpO2, HRV, Blood Pressure, emotion, Stress Percentage metrix. Engineered a production-grade FastAPI microservice for real-time biometric analysis, processing physiological signals to extract 8+ health metrics (blood pressure, heart rate variability, SpO2) with ML-based predictions, featuring AWS cloud integration, Kafka logging, and RESTful APIs with comprehensive error handling and authentication.

Machine-Learning-Prediction-App   **View Project**

This Machine Learning Prediction App, built with Streamlit, allows users to upload a CSV file, make predictions using a pre-trained model, and visualize the results interactively.

CERTIFICATION

Machine Learning Data Science Program, Greeks for Greeks   April 2024 - September 2024
Relevant Coursework: Understanding of Machine Learning Algorithms, Data Preprocessing and Feature Engineering, Deep Learning, Data Visualization,, Deployment of Machine Learning Models.   **View Certificate**

EDUCATION

Bachelor of Technology in Information Technology
Dr APJ Abdul Kalam Technical University, Lucknow : 66.2 Percentage   2021 - 2025

Intermediate Uttar Pradesh Madhyamik Shiksha Parishad (UPMSP)
Nehru Balodyan Inter College Jaunpur : 72.6 Percentage   2019 - 2020

High School Uttar Pradesh Madhyamik Shiksha Parishad (UPMSP)
Nehru Balodyan Inter College Jaunpur : 78.6 Percentage   2017 - 2018