

Abhishek Singh

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SUMMARY

B.Tech Computer and Communication Engineering graduate with hands-on experience in software development, AI-based projects, and Agile execution. Skilled in designing and implementing basic modules, supporting testing and deployment activities, and working with data-driven reporting tools such as Power BI and Tableau. Demonstrates strong analytical thinking, problem-solving ability, and clear communication, with the flexibility to adapt to new technologies and collaborative, cross-functional environments.

EDUCATION

B.Tech, Computer and Communication Engineering

Manipal University Jaipur
2022 – 2026

PROJECTS

FitCast — AI Fashion Recommendation System Project Lead — Python, TensorFlow, Streamlit, FastAPI

- Planned and executed the project using Agile sprints with weekly deliverables and progress tracking on Trello.
- Designed performance dashboards to track accuracy and latency metrics, achieving a (83% accuracy).
- Integrated Flipkart API for real-time product data and pricing.
- Built a data-driven recommendation engine combining computer vision and trend analytics.

Skin Cancer Detection Web App Technical Lead — Python, TensorFlow, Keras, Streamlit

- Implemented deep learning model to classify skin disease (92% accuracy).
- Managed project execution timeline and implemented Kanban for task prioritization.
- Prepared project documentation and presented reports using Power BI for progress analysis.
- Coordinated cross-functional collaboration between front-end and ML pipeline development teams.

TrailerFlix — Streaming Platform Developer — HTML, CSS, JS, PHP, MySQL

- Applied Waterfall methodology for project planning—requirements, design, development, and deployment.
- Built secure login + SQL optimized backend reducing load time by 30%.
- Managed 3-person team and executed UAT testing.

TECHNICAL SKILLS

Languages: C, C++, Java, Python

Frontend: HTML, CSS, React, Streamlit

Backend: FastAPI, PHP

ML / AI: TensorFlow, Keras, OpenCV, NumPy, Pandas, OpenAI API

Databases: MySQL, MongoDB

Cloud/DevOps: GitHub Actions, AWS, Firebase, Streamlit Cloud

Tools: Git, VS Code, Power BI

PROJECT MANAGEMENT SKILLS

Agile, Scrum, Waterfall, Stakeholder Management, Resource Planning, Time Tracking, Reporting, Risk Management, Jira, Monday.com, MS Project

CERTIFICATIONS

[LINK]

- Generative AI Content Creation (Adobe, 2025)
- DevOps (Simplilearn, 2025)
- Blockchain Basics (Coursera, 2025)
- The Web Developer Bootcamp 2025(Udemy, 2025)
- AI For Everyone (DeepLearning.AI, 2025)
- React Basics (Meta, 2025)
- Accenture Developer (Accenture, 2024)
- Microsoft Tools for Engineers (MUIJ, 2023)