PANKAJ PRAMOD KOLI
B.Tech. - CSE - Cloud Computing
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BRIEF SUMMARY

Enthusiastic B.Tech Cloud Computing student with a solid foundation in C/C++ and Java, strong knowledge of Data Structures, Algorithms, and OOP, and a problem-solving mindset. Familiar with Git/version control and eager to learn new technologies and mobile app frameworks. Strong communicator and team player, with the ability to adapt and collaborate effectively in development projects.

KEY EXPERTISE

AWS fundamentals (EC2, S3, IAM, CloudWatch)   DevOps Basics (CI/CD pipelines, Git, GitHub)   Java   version control (Git)

C/C++   XML, Android Development, Android Studio Handling

Frontend Development: React.js, JavaScript, TypeScript, responsive UI design

Backend Development: Node.js, Express.js, REST APIs

Problem-Solving: Debugging, performance optimization, scalability improvements   Datavase Management: MongoDB ,MySQL

EDUCATION

MIT School of Computing   2022 - 2026
B.Tech. - CSE - Cloud Computing | CGPA: **7 / 10**

Government Polytechnic, Murtizapur   2020 - 2023
Diploma - Information Technology - Information Technology (Full Time) | Percentage : **78.56 / 100**

Diploma | Percentage: **78.56 / 100**   2023

10th | Percentage: **89.60 / 100**   2020

PROFESSIONAL EXPERIENCE

Mountreach Solutions Pvt Ltd Amravati | IT / Computers - Software | Android   01 Jul, 2022 - 16 Aug, 2022
Development

Android Studio Handler

PROJECTS

GESTURE CONTROLLED MOUSE USING MACHINE LEARNING   05 May, 2025 - 10 Dec, 2025
Mentor: Prof. Aditi Wangikar (MIT-ADT) | **Team Size:** 3
Project Link: https://github.com/Pankzz30/gesture-mouse

This project uses hand gestures to control mouse actions with a webcam. It applies computer vision and machine learning to detect and track hand movements for cursor control, clicking, and scrolling—making it a touchless, smart way to interact with a computer.

Static Website Hosting on AWS S3   01 Apr, 2025 - 01 May, 2025
Mentor: Self-Learning (AWS Free Tier) | **Team Size:** 1

Key Skills: AWS S3, Route53, CloudFront, IAM, Static Website Hosting

Project Link: https://my-static-site.s3-website-us-east-1.amazonaws.com

Music Player Application   01 Jan, 2024 - 05 May, 2024
Mentor: Prof. Naresh Wankhede (GPM, Murtijapur) | **Team Size:** 3

Key Skills: Android dev, XML UI, MediaPlayer API, SQLite playlists, Audio streaming, Cloud storage basics

PUBLICATIONS / RESEARCH / WHITE PAPERS

GESTURE CONTROL MOUSE USING MACHINE LEARNING

30 May, 2025

IJEAST (http://www.ijeast.com) | **Mentor:** Prof. Aditi Wangikar | **No. of Authors:** 3

In this research paper it consist of the information about system which leverages the capabilities of the MediaPipe library and OpenCV to accurately detect and track hand gestures in real time through a standard webcam. The virtual mouse controller, implemented in Python, interprets the hand gestures to enable intuitive and natural interaction with the computer.

ASSESSMENTS / CERTIFICATIONS

Industrial Training Certificate
successfully completed the Industrial Training program in Android Development from 1st July 2022 to 16th August 2022.

AWS Cloud Technical Essentials

Full Stack Development

SEMINARS / TRAININGS / WORKSHOPS

Introduction to Cloud Computing and AWS **Institute Name:** AWS Academy (Online)

10 May, 2025 - 10 May, 2025

Key Skills: Cloud Fundamentals, AWS Core Services, Virtualization, IAM, EC2, S3

Attended a beginner-level seminar introducing cloud computing concepts, AWS global infrastructure, and hands-on sessions on creating and managing basic services like EC2 and S3.

WEB LINKS

- Github - https://github.com/Pankzz30

PERSONAL DETAILS

Gender: Male
Marital Status: Single
Current Address: Pune, Pune, Maharashtra, India - 411001
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Date of Birth: 30 Jan, 2005
Known Languages: Marathi, Hindi, English, Spanish
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