

# Abhishek Sahoo

## Aspiring Android Developer

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### Career Objective

Aspiring Android Developer with hands-on experience in Machine Learning, IoT, and Data Structures & Algorithms. Passionate about building efficient, scalable mobile applications and contributing to impactful tech solutions. Eager to work in a collaborative environment that encourages learning and innovation.

### Education

<b>B.Tech in Computer Science &amp; Engineering (IoT Specialization),</b> <i>Siksha 'O' Anusandhan University, Bhubaneswar</i> CGPA: 7.232	2022 – 2026 Bhubaneswar
<b>CHSE (Class 12),</b> <i>Jupiter Science Higher Secondary School, Odisha</i> Percentage: 77.83%	2022 – 2022 Odisha
<b>BSE (Class 10),</b> <i>Ekamra Saraswati Shishu Vidya Mandir, Odisha</i> Percentage: 68.33%	2020 – 2020 Odisha

### Technical Skills

#### Languages

- Java
- Python (Basic)
- C/C++ (Basic)
- HTML
- SQL

#### IoT Platforms

- Arduino
- ESP32-CAM
- Raspberry Pi

#### Core Competencies

- DSA
- Problem Solving
- Leadership
- Data Analysis

#### Machine Learning

- Multinomial Naïve Bayes
- NLP
- Data Preprocessing
- Model Evaluation

#### Libraries & Frameworks

- OpenCV
- TensorFlow
- MediaPipe

#### Tools

- Git
- VS Code
- Jupyter Notebook

### Hobbies

#### Content Writing

(Tech blogs, articles, creative writing)

#### Exploring New Technologies and Gadgets

#### Watching Tech Talks and Documentaries

#### Gaming

(Strategic and Puzzle Games)

## Relevant Coursework

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**Data Structures & Algorithms**

**Object-Oriented Programming**

**Database Management Systems**

**Operating Systems**

**Computer Networks**

**Theory of Computation**

**Robotics Programming Workshop**

**Essential Mathematics for AI**

## Projects

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### Woman Clothing Review Sentiment Analysis

02/2025 – 03/2025

Built a sentiment analysis system using Multinomial Naïve Bayes to predict customer sentiments on women's clothing reviews.

Tech Used: Python, NLP, Scikit-learn

### Object Counting System using ESP32-CAM & OpenCV

11/2024 – 12/2024

Developed a real-time object counter to automate stock tracking using ESP32-CAM and OpenCV.

Tech Used: ESP32-CAM, OpenCV, Python

### Push-Up Counter using MediaPipe Pose Estimation

02/2024 – 05/2024

Created a fitness monitoring tool to count push-ups accurately with Raspberry Pi and MediaPipe.

Tech Used: Raspberry Pi, Python, MediaPipe

### Arduino-Based LCD Dino Game

10/2024

Designed and implemented an endless Dino runner game controlled via Arduino buttons.

Tech Used: Arduino, Embedded C

## Certifications

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- AI for Beginners – HP LIFE
- Effective Leadership – HP LIFE
- Google Ads Certification – Simplilearn