

# NITESH KUMAR MISHRA

## Software Developer & Ethical Hacker

### PERSONAL DETAILS

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Gender: Male  
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### PROFILE

- Skilled in software development, app development, ethical hacking, web development and AI ML.
- Proficient in multiple programming languages.
- Strong problem-solving abilities.
- Experienced in database management.
- Focused on creating impactful solutions aligned with business objectives.
- Quickly adapt to new technologies and tools with ease.
- SIH 2024 Finalist (As Team Leader)

### EDUCATION

**Higher Secondary in Science**  
Panchsheel Public School New Delhi, New Delhi

**B.Tech in Information Technology** Sep 2022 – Jun 2026  
Amity University Noida, Noida

**Ethical Hacking & Penetration Testing** Jun 2023  
Zero To Mastery Academy E-Learning Providers – Toronto, Toronto

### EXPERIENCE

**Founder & App Developer** Jun 2020 – Present  
AKM\_INNOVATORS, Delhi  
Independently created and published multiple Android applications on Google Play. Proficient in GUI design, API integration, package management, and error resolution. [Click to open Developer account](#)

### SKILLS

- |                                     |                 |
|-------------------------------------|-----------------|
| Software Development                | Ethical Hacking |
| Python & C++ & Java & C & Bash & C# | Problem Solving |
| Database Management                 | AI & ML         |

## PROJECTS

### Trend Trace

#### Problem Statement

This project explores the development and implementation of a cloth detection and analysis system using a combination of advanced machine learning models and Google Sheets for database management.

### Color Spy

#### Innovation

The “**Color Spy**” project is a Python-based application that explores and manipulates colors. It offers features like color extraction, image analysis, live color detection, palette generation, pixel manipulation, and color mixing.

### Nature Spy

#### Innovation

The project introduces an intelligent system that seamlessly integrates CNNs for plant and animal image recognition. The system includes a user-friendly chat interface.

### Spot Play Pro

#### Learning Project

A simple music player offers a plethora of features, including song downloads, custom settings, Easy to use UI and much more.

### Smooth Play

#### Learning Project

A video player with essential features like background playback, picture in picture mode, custom settings, Easy to use UI and many more.

### Scripts

#### Custom Work

Backdoors, Email Scraper & Port Scanner Scripts etc.

### Bill Wizard

#### 24-hour Hackathon Problem Statement

Bill Wizard is a robust tool designed to process store receipts through video input, leveraging OCR technology to extract data and generate insightful graphs.

### Social Spy

#### SIH Problem Statement 2024 - 1743

This solution is designed to enhance forensic investigations through cross-platform web automation and advanced data extraction technologies. By leveraging tools like Selenium for automation, PIL for image processing, and OCR capabilities via pytesseract, the system allows for structured, error-free data capture.

### Monarch Way

#### SIH Problem Statement 2024 - 1710

This project enhances navigation within railway stations by developing an intuitive, multi-platform navigation system that leverages Vuforia, Matterport, Unity, Java, and Android Studio.

## LANGUAGES

English

Hindi