

# Ravi Singh

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## EDUCATION

### Master of Computer Application (MCA)

Chitkara University Institute of Engineering & Technology (CUIET)

Punjab, India

2023-2025

### Bachelor of Computer Application (BCA)

Chitkara University Institute of Engineering & Technology (CUIET)

Punjab, India

2020-2023

CGPA - 8.50/10

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## Technical Skills

- **Programming Languages:** C, C++, Java, HTML, CSS, JavaScript, TypeScript
  - **Frameworks and Libraries:** React JS, Angular
  - **Database Management:** MySQL, MongoDB
  - **Version Control:** Git, GitHub
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## Projects

### 1. Color Correct

- **Description:** Developed a tool for color space conversion and palette generation for designers and researchers.
- **Technologies Used:** ReactJS, Java, p5.js
- **Key Contributions:**
  - Created user-friendly interfaces with ReactJS.
  - Implemented backend algorithms for accurate color conversions.
  - Added features for palette generation and color analysis.
  - Ensured reliability through extensive testing.

### 2. Country Data Viewer

- **Description:** Built an app to display country data using the REST Countries API, allowing users to search, filter by region, and view detailed information.
  - **Technologies Used:** React, TypeScript, REST Countries API, Semantic HTML5, CSS, Flexbox
  - **Key Features:**
    - Display all countries on the homepage
    - Search and filter countries by region
    - View detailed country information and border countries
    - Toggle between light and dark mode
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## Additional Information

### Certifications:

- **Python3 Certification** (Codecademy)
- **Command Line Certification** (Codecademy)
- **Ethical Hacking using Linux** (Chitkara University)
- **JavaScript Algorithms and Data Structures** (freeCodeCamp)
- **MS-900** (Microsoft 365 Fundamentals)

**Language Abilities:** English (Professional Proficiency), Hindi (Native), Punjabi (Native).

**Interests:** Open-source contribution, blogging about tech trends, Participating in hackathons.