

# Rishi Kesh

**MCA Student | Software Developer | Python, Java, Machine Learning, Backend Systems**

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## PROFESSIONAL SUMMARY

Highly analytical MCA student with strong foundations in Python, Java, C++, data structures, machine learning, DBMS, and cybersecurity. Industry-trained at Accenture with experience in incident resolution, change management, release support, automation, and enterprise application availability. Interested in building scalable, secure, and efficient software systems for product, backend, data, and AI teams.

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## TECHNICAL SKILLS

**Languages:** Python, Java, C++, SQL, JavaScript, HTML/CSS

**Frameworks & Tools:** Spring Boot, Flask, Django, TensorFlow, PyTorch, Scikit-learn, Git, GitHub, Jupyter

**Core Concepts:** Data Structures & Algorithms, Operating Systems, DBMS, Machine Learning, AI, Cybersecurity

**Databases & APIs:** MySQL, MongoDB, SQLite, REST APIs, Google Cloud Platform, Alpha Vantage, CoinGecko

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## EXPERIENCE

### Packaged App Development Associate

Oct 2024 - Oct 2025

Accenture

- Managed incident resolution and change management workflows to support high application availability.
- Achieved 98% SLA compliance while reducing service disruptions for enterprise applications.
- Contributed to 3 major software releases impacting 5000+ users globally.
- Automated deployment tasks using shell scripts, reducing manual operational effort by 30%.
- Created SOPs and onboarding documentation for repeatable support processes.

### Cybersecurity Trainee

July 2024

DevTown

- Practiced vulnerability assessment, threat analysis, ethical hacking concepts, and network security basics.
- Worked on encryption/decryption, cloud security fundamentals, and phishing awareness simulations.

### Front-End Developer

May 2024 - June 2024

Eduphonix Solutions

- Built a responsive e-commerce website using HTML, CSS, JavaScript, and Bootstrap.
- Implemented product listings, cart interactions, mobile-first UI improvements, and A/B testing support.

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## PROJECTS

### Personalized Fitness Diet Recommendation System

July 2025 - Aug 2025

Built a Flask ML application that predicts calorie intake and generates personalized diet plans using Random Forest, Gradient Boosting, Pandas, NumPy, and Scikit-learn.

### Enterprise GenAI Adoption Analysis

Analyzed enterprise AI adoption, productivity impact, employee sentiment, and workforce role changes using Python, Pandas, Matplotlib, and Seaborn dashboards.

### Spotify Data Analysis (EDA)

July 2024 - Aug 2024

Performed exploratory analysis on music datasets, feature correlations, top genres, and artists using Pandas, NumPy, and Plotly.

### Delhi National Museum Management System

Designed a Spring Boot and MySQL backend for artifact management, structured schema design, and local image storage workflows.

## EDUCATION

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### Master of Computer Applications, National Institute of Technology Kurukshetra

Aug 2025 - July 2028

CGPA: 8.9/10

### B.Sc. Mathematics & Computer Science, Seshadripuram First Grade College

Jan 2021 - May 2024

CGPA: 8.8/10

### Pre-University (PCMC), Government First Grade College

Jan 2019 - May 2020

CGPA: 8.8/10

## LEADERSHIP & ACTIVITIES

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- Team Lead managing 30+ members in technical events.
- Organized hackathons with 200+ participants.
- Delivered tech talks on AI and cybersecurity.
- Led a blood donation drive and served as a Civil Defense volunteer.

## ADDITIONAL PROFILE

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**Languages:** English, Hindi, Kannada, Telugu

**Strengths:** Analytical, disciplined, quick learner, calm under pressure.

**Interests:** Reading, cooking, sports, AI systems, cybersecurity.