

# Prakhar Kabra

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## EXPERIENCE

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### Yash Technologies

*Trainee Programmer*

Indore, India

*July 2024 - Active*

- Designed and implemented an AWS-hosted booking system (using ECS, RDS, etc.) that streamlined the cabin booking process across the company in India.
- Reduced manual booking efforts and improved process reliability by automating the reservation workflow.
- Developed an extension that automatically generates comprehensive test cases from API contracts, enhancing the testing process.

### Yash Technologies

*Intern*

Indore, India

*May 2024 - July 2024*

- Gained proficiency in Core Java, JDBC, Servlet, and JSP through hands-on experience.
- Developed and implemented an Intern Management System project to streamline intern onboarding and management processes.
- Applied best practices in code structuring, ensuring modular and maintainable code
- Designed and developed dynamic web pages using JSP to enhance user interaction.
- Collaborated with senior developers to integrate backend services using JDBC for database connectivity.

## PROJECTS

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### TestGenie

[\*GitHub Link\*](#)

- Conducted thorough analysis of global COVID-19 data to understand trends and patterns, aiding decision-making and response efforts.
- Utilized SQL for data exploration and Tableau for visualization, generating insights into infection rates, mortality trends, and healthcare system capacities.
- Applied data preprocessing techniques to clean and transform raw data for analysis.

### V-Book

[\*GitHub Link\*](#)

- Conducted a comprehensive analysis of King County house sales data to identify trends and correlations between various factors such as view, condition, year built, and square footage.
- Implemented a heat map visualization in Tableau to illustrate the relationship between house view and condition.
- Developed interactive filters enabling users to explore house sales data based on the year built, square footage, and specific dates.
- Built predictive models to forecast house prices using machine learning algorithms.

## TECHNICAL SKILLS

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**Languages:** Python, Java, JavaScript, SQL

**Databases:** RDS, DynamoDB, MySQL, MongoDB

**Framework/Libraries:** FastAPI, Flask, ReactJs, NumPy, Pandas, Matplotlib

**Tools:** Figma, MS Excel, Tableau, Git, Github

**Platform:** VS Code, PyCharm, Eclipse

**Cloud:** Amazon Web Services

## EDUCATION

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### MediCaps University

*B.Tech, Faculty of Computer Science*

Indore, India

*2019 - 2023*

## CERTIFICATIONS

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### AWS Certified Developer Associate

*Issued Feb 2025*