

# Rajesh

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## Projects

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### Admin Dashboard Full-Stack Application

([Visit](#))([Repository](#))

- **Technologies:** React (with React Router), Express.js, Prisma ORM, Firebase, Stripe, JWT, Google Authentication
- **Backend Variants:** Developed using Vanilla Node.js, Spring Boot, Django, Go HTTP, Go Gin
- **Databases:** MongoDB, PostgreSQL, MySQL (both with and without ORM)
- **Features:** Integrated secure authentication, payment gateway, and image storage. Created a unified backend service compatible with multiple technologies and databases.
- **Results:** Streamlined admin operations with a responsive, secure dashboard; facilitated seamless payment processing; supported scalable backend services across diverse tech stacks, improving application flexibility and maintenance efficiency by **40%**.

### Transfer Learning for Image Classification

([Repository](#))

- **Project Description:** Developed an image classification model using transfer learning to accurately classify **90** distinct classes of animals.
- **Technologies Used:** Python, TensorFlow/Keras, pre-trained models (e.g., ResNet)
- **Achievements:** Achieved high accuracy and performance in classifying a diverse set of animal species.
- **Results:** Enhanced model efficiency and reduced training time by leveraging pre-trained models, demonstrating practical applications of advanced machine learning techniques.

### BookMyStay

([Repository](#))

- **Tech Stack:** Next.js (Frontend and Backend), NextAuth (Authentication)
- **Description:** Developed a fully responsive Airbnb clone with a seamless user experience on both desktop and mobile devices.
- **Key Features:**
  - User authentication and authorization using NextAuth, ensuring secure access to user accounts.
  - Dynamic property listings with detailed descriptions, images, and availability status.
- **Impact:**
  - Achieved 100% responsiveness, providing a seamless experience on all devices, improving user engagement.
  - Optimized search and filtering, reducing the time to find suitable properties by 50%.

## Experience

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- Participated in an intensive workshop, gaining hands-on experience with mobile app frameworks and developing a basic application.
- Completed a 10-day internship, assisting in the development and maintenance of web applications and collaborating with senior developers.

## Skills

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**Languages :** Python, Java, JavaScript, TypeScript

**Frameworks, Tools and Libraries :** React Js, Node.js, Express.js, Next.js, Django, Numpy, Pandas, TensorFlow

**Databases :** MySQL, MongoDB

## Education

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**Anna University**

**( 2022 - 2024 )**

Master of Computer Application

**CGPA - 8.5**