

Sanjay Kandpal



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EDUCATION

CHRIST (Deemed to be University)

Master of Computer Applications, 72.3%

Bangalore, Karnataka

July 2023 – Present

School of Management sciences (Affiliated to Lucknow University)

Bachelor of Computer Application, 71.2%

Lucknow, UP

August 2019 – May 2022

PROJECTS

PixSort | React, Node.js, Express.js, AWS, MySQL

[GitHub](#) | [Demo](#)

- Engineer the backend for an image-sharing app using AWS services (**S3, Lambda, Rekognition**) with facial analysis features.
- Implemented** secure cookie-based authentication with HTTPS-only.
- Users can download their own images based on the **unique access Code**.

AkaBite: Order, Food | NextJs, ExpressJs, MongoDB, Node

[GitHub](#) | [Demo](#)

- secure authentication and **real-time cart sync**
- Implemented **multi-device cart system** with concurrent user support and inventory management
- Designed secure **REST APIs** with error handling

RailwayApi | React, ExpressJs, MongoDB, Docker, Azure

[GitHub](#) | [Demo](#)

- Designed Microservices architecture** with RESTful APIs, enhancing scalability and flexibility over **monolithic systems**.
- Containerized** CRUD operations with Docker for isolated, efficient deployment
- Deployed** on Microsoft Azure, enabling **scalable**, resilient infrastructure.

ACHIEVEMENTS

250+ LeetCode problems focusing on algorithms and data structures, improving proficiency in Java.

AWS Academy Graduate - AWS Academy Cloud Foundations certification .

RESPONSIBILITIES

Volunteered for 2GateWay events at Christ University.

TECHNICAL SKILLS

Programming Languages: Java, JavaScript, Python, C/C++, SQL

Web Technologies: HTML5, CSS3, RESTful APIs

Frameworks & Libraries: React, Express.js

Developer Tools: Git, Docker, Postman, VS Code, Eclipse

Database: MongoDB, MySQL