

Sanjay Kandpal



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EDUCATION

CHRIST (Deemed to be University)

Master of Computer Applications, 70.6%

Bangalore, Karnataka

July 2023 – Present

School of Management sciences (Affiliated to Lucknow University)

Bachelor of Computer Application, 72.3%

Lucknow, UP

August 2019 – May 2022

PROJECTS

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

[Source Code](#)

- **Collaborated** with a classmate to 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**.

RailwayApi | React, Express, MongoDB, Docker, Azure

[Source Code](#) | [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

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

Contributed a chapter on **urban construction optimization strategies in the IoT era**, published by **IGI Global**.

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 & Cloud: MongoDB, MySQL