

Satish Rathod

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EDUCATION

Scaler School Of Technology

Bachelor + Masters of Science in Computer Science

July 2023 – July 2027

CGR: 8.1

Birla Institute Of Technology And Science

Bachelor of Science in Computer Science

July 2023 – July 2026

CGPA: 8.9

EXPERIENCE

Bot9 Full-Stack Intern

Dukaan®

Aug. 2024 – Present

On-site

- Focused on back-end web development, working with large language models (LLMs) and other advanced technologies.
- Collaborated with the team to optimize system performance and implement AI-driven features.

Project Intern

Scaler School of Technology

Mar. 2024 – May 2024

Remote

- Developed a local streaming server using Mediasoup, delivering online video and audio streams to multiple devices within the same network.
- Enhanced classroom learning experiences by reducing bandwidth usage and minimizing lag during simultaneous access to instructional content.

PROJECTS

Simply Invest - AI Trading Bot | *MERN*

July 2024

- Developed a full-stack web app using OpenAI APIs for trading.
- Enabled users to make smart trading decisions using AI sentiment analysis.

AI Receptionist (AI Chat-Bot) | *MERN, SQLite*

July 2024

- Created an AI chat-bot using OpenAI APIs.
- Enabled users to view, select, and book hotel rooms through natural language conversations, replacing the need for a receptionist.

Image Editor | *Kotlin, BufferedImage Library*

Sep. 2023

- Developed a command-line tool for various pixel-wise image processing operations.
- Applied precise mathematical calculations and user-defined parameters to achieve desired image transformations.
- Implemented features like grayscale conversion, brightness/contrast adjustment, flipping, rotation, blur, and filters.

TECHNICAL SKILLS

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

Technologies/Frameworks: Linux, Git, React, Express JS, Node JS, MySQL, MongoDB, Tailwind CSS, Pandas, Numpy, Seaborn

Developer Tools: VS Code, JetBrains IDE, Figma, GitHub, Docker

COMPETITIVE PROGRAMMING PROFILES

Codeforces: codeforces.com/profile/Satish_Rathod_ (max rating: 1321)

CodeChef: codechef.com/users/satrat_ov (max rating: 1460)

Atcoder: atcoder.jp/users/Satish_ (max rating: 529)

LeetCode: leetcode.com/u/satrat_05/ (solved 245 problems)

RELEVANT COURSEWORK

Data Structures, Shell Scripting, Web Development, Linear Algebra, Discrete Mathematics, Object-Oriented Programming (OOPS), Probability and Statistics, Business Problem Solving.