

RAJAT RAI

Smart India Hackathon 2022 Winner || Full Stack Developer || Best Performer of the Batch 2024

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EDUCATION

UNIVERSITY OF MUMBAI

B.E. IN COMPUTER ENGINEERING

2020 - 2024

CGPA: 9.5 / 10

R.T.H.S.V

HSC, BOARD: MSBSHSE

2018 - 2020

Percentage: 80.77 %

P.V.G'S VIDYA BHAWAN

SSC, BOARD: MSBSHSE

2008 - 2018

Percentage: 87.20 %

LINKS

LinkedIn:// [rajatjrai](#)

Github:// [rajatrai30](#)

LeetCode:// [rajat_rai_30](#)

SKILLS

PROGRAMMING

- C++
- JavaScript
- Java
- Python

DEVELOPMENT

- DSA
- Database
- Frontend
- Backend

TECHNOLOGIES

- Microsoft Azure
- AWS
- React JS
- Node JS

DEVELOPER TOOLS

- Git
- GCP
- Postman
- MySQL
- Docker
- Sanity.io

PATENTS

ALICIA | AI VIRTUAL ASSISTANT

- Application Number: 202321027103
- Date of Filing: 12/04/2023

CERTIFICATIONS

AWS | PRACTITIONER ESSENTIALS

- July 2024

C++ | INTERMEDIATE

- July 2023

FULL STACK DEVELOPMENT

- Dec 2022

EXPERIENCE

CTRLS | CLOUD4C SERVICES | ASSOCIATE ENGINEER

August 2024 - Present | Hyderabad, IN

[\[Live Link\]](#)

- **Delivered** technical support & server outage handling for enterprise-level IT infrastructure using **myShift** tool.
- **Executed** server backups, ensuring data integrity and quick recovery of critical server environments using **Azure Cloud**.
- **Managed Zabbix** dashboard to monitor real-time alerts for server restarts, proxy issues, & downtime, achieving **99.9995% uptime**.

ITDAY DAY! INDIA PVT LTD | SOFTWARE ENGINEER (INTERN)

October 2022 - June 2023 | Bangalore, IN

[\[Github Link\]](#)

- **Revamped** a dark theme using **NextJS** resulting in an **80% increase** in Web App UX.
- **Executed** zero hydration using **QwikJS** for significantly improved performance.

INFINIFOX TECHNOLOGIES | SOFTWARE DEVELOPER (INTERN)

June 2022 - September 2022 | Mumbai, IN

[\[Live Link\]](#)

- **Enhanced** data retrieval speed by **80% through** optimized MS-SQL queries.
- **Administered** enterprise data of major UAE supermarkets - Lulu, Spinneys.

PROJECTS

ENCIRCLE | PROXIMITY BASED SECURE MULTISERVICE FINDER

[\[LINK\]](#)

Github: June 2023 - May 2024

Technologies Used: ReactJS, NodeJS, ExpressJS, Socket.io, Firebase, AES, GPS

- **Developed** an application that connects a user to multiple services based on proximity, offering a secure & encrypted end-to-end full-duplex connection.

SMARTMARK | SMART ATTENDANCE APP

[\[LINK\]](#)

Github: Oct 2022 - Feb 2023

Technologies Used: AI-ML, ReactJS, NodeJS, ExpressJS, MongoDB, GraphQL, API

- **Developed** a SaaS-based app for storing and managing daily attendance of college students using Haarcascade face detection algorithm and GraphQL.

LINEUP | QUEUE MANAGEMENT APP

[\[LINK\]](#)

SIH 2022 (Winner) Aug - 2022

Technologies Used: ReactJS, NodeJS, ExpressJS, MongoDB, Firebase, API

- **Invented** a web application that alleviates waiting in line at doctors' clinics, offices, and shops during the COVID-19 pandemic.

ALICIA | AI VIRTUAL ASSISTANT

[\[LINK\]](#)

Github: Sept 2021 - Feb 2022

Technologies Used: Python, OpenCV, Face Recognition, Tkinter, Haarcascade

- **Developed** a Python-based desktop AI virtual assistant with automation features, including security face detection, email, and WhatsApp automation.

ACHIEVEMENTS / AWARDS

2024	Top 1 st /70	BEST PERFORMER OF THE BATCH 2024, PHCET
2023	Top 1 st /12	XZIBIT NATIONAL PROJECT COMPETITION, KCCMSR
2022	Top 1 st /6	SMART INDIA HACKATHON WINNER, AICTE
2021	-	SCI-ACHIEVEMENT, STUDMATH-IT, AUREL VLAICU, ROMANIA
2020	Top 1 st /80	ACADEMIC STUDENT OF THE YEAR, 12 TH SCIENCE, RTHSV