

ANKIT RAJ

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INFORMATION

 [linkedin.com/in/ankit-raj-mahapatra](https://www.linkedin.com/in/ankit-raj-mahapatra)

 github.com/Ankit404butfound

SKILL

- Python3, NodeJS
- Docker, Linux, AWS, Git, Heroku
- MySQL, PostgreSQL, Redis, Qdrant, MongoDB
- HTML, CSS, JS, P5
- Selenium, Locust
- Electron, QT
- Nginx, CI/CD
- JSON, XML, YAML
- Embedding, Vector Search
- Agile development
- Test and deployment
- Excellent communication skill

AWARDS

- Led group of 5 and won first prize in Hackathon at ADGITM IPU, [URL](#)
- Member of a group of 4 and won first prize in Hackathon at DTU, [URL](#)
- A foreign trip to Finland for summer school was awarded by the current employer as a bonus for my hard work, [URL](#)

Certification

- [Redis RU101: Introduction to Redis Data Structures](#)

PROJECTS

- **[PyWhatKit](#)** A Python library with over 1.2 million downloads for automation and scheduling WhatsApp messages.
- **[Homework Machine](#)** A tool to convert computer-generated text to hand-written characters, used by over 10k users.
- **[Key-Logger](#)** A Python script that can run silently in any system and collects all keystrokes and sends them to a server.
- **[Clipry](#)** A Windows-like clipboard management tool for Linux written in Electron-JS..
- **[Socket-TicTacToe](#)** A multiplayer Tic-Tac-Toe game that can be played via Socket connection, written in NodeJS and simple HTML/CSS/JS.
- **[Photo-Cluster](#)** Using scikit-learn for KMeans clustering and qdrant database for vector similarity search, made Phone's gallery clustered and searchable.

EXPERIENCE

Software Developer Intern

Aveti Learning Pvt. Ltd. | Jan 2021 - Present

Handled the backend and system design of various projects having more than 1 Lakh users. Here are some key projects.

- **Smart Class App** desktop app served to 1400 schools.
- **Info-Search app**, made 1L+ content searchable.
- **PPT-Translation** a portal for ppt translation served to 1200+ teachers.
- **Document Assets Management** helped in making 1.4 lakh images and After-effect files searchable using pg-vector and vector embeddings.
- **E-Library** an offline content delivery software served to 600 students in villages, runs on Raspberry Pi.
- **Load tester** a testing tool to test the backend services with 10,000+ simulated users.
- **Helper bot** for managing the company's Telegram channel with over 500 active students..

ACADEMICS

Bachelor's of Technology CSE

APJ Abdul Kalam Technical University | 2020 - 2024 | 7.1 CGPA

Senior Secondary Education

Kendriya Vidyalaya, Shalimar Bagh, Delhi | Passout in 2020 | 75%

Summer Schools on Digital Platform

Aalto University, Helsinki, Finland | Aug 2023 | Sponsored by Aveti