

ATI KARTEEK

Pune, Maharashtra

+91 9325022847

kartteekati.me/portfolio

ati.kartteek99@gmail.com

linkedin.com/in/kartteekati

Education

Pimpri Chinchwad College of Engineering, Pune

BTech in Information Technology (8.62 CGPA)- Overall

December 2021 - May 2024

Maharashtra, India

MIT Polytechnic, Pune

Diploma in Information Technology (96.81%)

August 2018 - August 2021

Maharashtra, India

Experience

Newton School Coding Club, PCCOE

DSA/CP Content Lead

January 2023 – Present

Pune, India

- Developed **APIs** for Registration in events and Hackathon Submissions. Used by **3000+** users.
- Managing a team of 3 for Pushing Content for Students on the Website.

Hostin Services Pvt Ltd

Intern

June 2020 – July 2020

Pune, India

- Developed a Chatbot using **AWS Lex** and **AWS Lambda**, for Customer Support.
- Implemented **Speech-To-Text** and **Text-to-Speech**.

Projects

Talkify | NextJS, Express, GraphQL, Prisma, MongoDB | talkify.web.app

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- Developed and deployed a Realtime Chat Application using **Next.js**, **GraphQL**, **MongoDB**, **Prisma**, and **Next-Auth**
- Implemented user authentication and authorization using **Next-Auth**, enabling secure user sign-up and log-in with multiple authentication providers (e.g., *Google*, *Facebook*, *GitHub*).
- Utilized **GraphQL** to efficiently fetch and manage data, allowing clients to request specific information and enabling real-time messaging with **GraphQL subscriptions**
- Implemented **In Memory Cache** to optimize data access and reduce unnecessary queries, improving the application's performance during real-time messaging
- Designed and built **chatroom functionality**, enabling users to join existing chatrooms or create new ones to engage in group conversations.
- Implemented **message history feature**, enabling users to access and review previous conversations with users across all login sessions.
- Designed a **responsive user interface** to provide a seamless user experience across different devices, including *desktops*, *tablets*, and *mobile phones*.

Metflix | Python, Flask, NLTK, HTML, JQuery | metflix.web.app

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- Developed a Movie Recommendation System from scratch using Algorithms like **Bag-of-Words**, **Count-Vectorizer**, **Cosine-Similarity**.
- Data-set was taken from **TMDBs** website and Posters were taken from their API.

URL Shortner | Python, Flask, PostgreSQL, Ajax

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- Developed a URL Shortner service, which can shorten a Long URL into a 7 Letter Short URL using Base64 Encoding .
- Implemented a custom ShortURL feature where a user can enter their own ShortURL which they can remember easily.
- Using a CRON Job, Links which are unused for more than a month can be removed from the Database to save some Storage.

Achievements

- Finalist in the Pune Smart City Hackathon 2023, where 125 teams from different states participated
- Published a Research Paper on Development of Chatbot.
- Solved around 300 Questions of DSA on Platforms like Leetcode, Hackerank, Codeforces, WorkatTech.
- Data Science Foundations: Data Engineering : [Link](#)
- Python A-Z™: Python For Data Science With Real Exercises! [Link](#)

Profile Links

- [Leetcode](#)
- [Hackerank](#)

Technical Skills

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

Technologies/Frameworks/Libraries: ReactJS ,Google Cloud Platform, NodeJS, Flask, AWS, Git/Github, Heroku