

Ankit Pakhale

Pune | 9407328187

akp3067@gmail.com | ankitpakhale.netlify.app
linkedin.com/ankitpakhale | github.com/ankitpakhale

Proficient in Generative AI, Python, Django, AWS, Deep Learning & React JS. Experienced in AWS services. Improved text detection accuracy and integrated APIs with Django.

SKILLS

Generative AI, Python, JavaScript, Django, React JS, AWS, LLM Models, Machine Learning, Deep Learning, Computer Vision, Natural Language Processing, OpenCV, NumPy, Pandas, Parquet, Lambda, Tally Prime, XML.

EXPERIENCE

Technical Specialist

Jul 2024 – Present

Allianz Technologies, Pune

Project: Global Commercial Pricing Application (GCPA)

- Developed real-time data processing pipelines using Kafka.
- Created robust communication and log processing systems using Dynatrace.
- Designed a pipeline architecture for seamless data storage.
- Handled high-volume data streams efficiently.
- Collaborated with cross-functional teams for project execution.

Python Developer

Jul 2023 – Jul 2024

Swan Softweb Solutions Pvt Ltd, Ahmedabad

Project: Expertly

- Lead a team of 10 extraordinary developers, overseeing successful project execution across multiple deliveries.
- Leveraged Generative AI & Large Language Models (LLMs) to enhance user interactions, automate tasks, and improve decision-making.
- Developed a microservice architecture and custom framework (Common Toolkit) using Django.
- Developed frontend components using React JS.
- Utilized AWS services for deployment and infrastructure management.

Project: Common Cents

- Developed an end-to-end system to retrieve data from AWS Redshift to frontend UI.
- Implemented automated ETL jobs triggered by Lambda functions upon document storage in AWS S3.
- Designed and executed extraction of data from documents and storage in Parquet file.
- Utilized Django for backend data processing and API development.
- Developed frontend components using React JS.

Python Developer

Apr 2022 - Jun 2023

Digital Documentation Systems Pvt Ltd, Ahmedabad

- Developed a Deep Learning model to enhance text detection accuracy from Devanagari Manuscripts by 90%.
- Implemented APIs in Django for efficient extraction of Bank Statement and Invoice data.
- Engineered a Windows service for data transmission to Tally Prime for accounting.
- Created B2B and Credit/Debit Note modules utilizing Django & React.js, integrated with Tally via XML.
- Utilized AWS services for Infrastructure Management.

Python Developer

Jun 2021 - Mar 2022

BrainyBeam Technologies Pvt Ltd, Ahmedabad

- Developed an AI chatbot using Aadhar card dataset with Python and Django, used React JS as frontend, utilized AWS for deployment.

- Implemented a Bus booking system using SQL and Django, with frontend development in React JS, and deployment on AWS.

Intern

May 2020 - May 2021

Silverwing Technologies Pvt Ltd, Ahmedabad

- Acquired knowledge in Android Development, including Core Java programming.
- Gained proficiency in Python, Django, JavaScript, React JS and AWS.
- Participated in workshops on Cybersecurity & Microsoft Azure.

PROJECTS

StockMarket Kafka AWS Simulation

- Simulates a stock market app using Python, Kafka, and AWS EC2 for real-time data streaming.
- Data is sent via Kafka to S3, where AWS Glue integrates it into a database.
- Amazon Athena enables scalable, serverless analysis of the data through the Glue Data Catalog.

RTSP-Tracker

- RTSP-Tracker is a real-time stock price tracking web app for monitoring multiple stock tickers.
- Provides current prices, opening prices, and percentage changes with dynamic updates every few seconds.
- Features a user-friendly interface for easy ticker management and uses local storage for data continuity.

Hand Gesture Keyboard

- Implemented using OpenCV & Hand Tracking Module.
- Tracks hand movements from a webcam and associates with keyboard buttons.
- Recognizes hovering and click gestures for interactive text input.

EDUCATION

Bachelor of Engineering - Computer Science

Aug 2018–Jun 2022

Alpha College of Engineering and Technology, Gandhinagar, GJ

Senior Secondary School - Science

Jul 2015–May 2017

The New Tulip International School, Ahmedabad, GJ

Higher Secondary School

Jul 2013–May 2015

Don Bosco public School, Chhindwara, MP