AKHIL C J

Python Full Stack Developer

+91-9188698023 | www.linkedin.com/in/akhilcj22 | akhilcj2226@gmail.com | https://github.com/akhilcj22

Summary

Passionate Computer Science graduate with hands-on experience in building full-stack web and mobile applications. Skilled in Python (Django/Flask), React, and Flutter, with strong knowledge of SQL/NoSQL databases, REST APIs, and deployment tools.

Education

Vimal Jyothi Engineering College   2021- 2025
Bachelor of Technology in Computer Science and Engineering (7 CGPA)   Kerala, India

Experience

Jr. Python Intern – Knovista Technologies Pvt Ltd

June 2025 – Present | Kerala, India
• Training in Python Full Stack (Django/Flask + React) from basics to advanced.
• Built skills through hands-on coding challenges, mock interviews, and real project modules.
• Worked on REST APIs, SQL databases, and frontend-backend integration under mentor guidance

Freelance Python Developer – Ash Infomatics

June 2025 – Present | Remote
• Delivered client modules using Django, HTML, CSS, and JavaScript within deadlines
• Designed and integrated REST APIs with PostgreSQL databases.
• Enhanced existing applications through bug fixes, feature additions, and performance improvements.

Projects

◆ **Automated Legal Assistance and Advisory System (ALAAS)**
Python, Flask, SQLAlchemy, NLP, Flutter, Gmail API
• Built a legal assistance platform combining Flask backend APIs with Flutter frontend.
• Integrated SQLite database for storing user complaints and chatbot responses.
• Automated complaint handling by parsing emails via Gmail API and applying NLP-based summarization.
• Developed a chatbot to answer legal queries using Sentence Transformers and BNS law mapping.

◆ **Fake News Detection Using Machine Learning**
Python, Flask, Scikit-learn, TF-IDF, PassiveAggressiveClassifier
• Developed an ML model achieving 92% accuracy in fake news detection.
• Wrapped the model into a Flask API for integration with a simple frontend dashboard.
• Implemented text preprocessing, TF-IDF vectorization, and evaluation metrics.

◆ **Sentiment Analysis on Yelp Reviews Using BERT**
Python, Transformers, PyTorch, BeautifulSoup, Requests, Pandas
• Designed a sentiment analysis service using BERT for customer reviews.
• Scraped live Yelp reviews with BeautifulSoup & Requests, storing results in Pandas DataFrames.
• Exposed the analysis as a **Flask API**, enabling frontend integration.

Technical Skills

Languages: Python, JavaScript, Java, C, SQL
Frameworks : Django, Flask, React, Flutter
Databases**:** MySQL, SQLite, MongoDB ,PostgreSQL
Web Technologies**:** HTML, CSS, REST APIs, JSON
Tools & Platforms**:** Git, Render, PythonAnywhere, Android Studio, VS Code, Eclipse
Operating Systems**:** Linux, Windows