

Devjith P

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Portfolio: devjith-p.github.io/Portfolio

SUMMARY

Computer Science graduate specializing in Python, Machine Learning, and Deep Learning. Experienced in building intelligent, data-driven software systems with a focus on performance and real-world impact. Eager to contribute to data science and AI initiatives that combine innovation with practical problem-solving.

TECHNICAL SKILLS

- **Languages:** Python, SQL
- **Frameworks & Libraries:** Scikit-Learn, TensorFlow, Keras, Streamlit, Pandas, NumPy
- **Tools:** MySQL, Power BI, Jupyter Notebook
- **Platforms:** Windows, Linux, Google Colab, VS Code
- **Soft Skills:** Leadership, Collaboration, Critical Thinking, Time Management

EXPERIENCE

- **Luminar Technolab** Kochi, Kerala
Data Science Intern May 2025 – Present
 - Worked on Machine Learning and Deep Learning model development, exploring applications of Generative AI.
 - Performed exploratory data analysis (EDA), model development, and performance evaluation to improve prediction accuracy.
 - Utilized Power BI and MySQL to build analytical dashboards and perform data visualization for insights.
- **Zoople Technologies** Kochi, Kerala
Data Science Intern January 2025 – March 2025
 - Designed and optimized CNN and U-Net models for brain tumor classification and segmentation (95% accuracy) using MRI data.
 - Deployed an interactive Streamlit web app for real-time visualization and predictions using TensorFlow, Keras, and Scikit-Learn.

PROJECTS

- **Smart Grocery and Recipe Recommendation** : Built an end-to-end ML system that predicts user nutritional deficiencies with 93% accuracy using a Random Forest classifier, and integrates a Large Language Model to generate personalized grocery and recipe recommendations based on identified deficiencies. [View Project](#)
- **BrDX - Brain Tumor Detection and Segmentation**: Developed a deep learning pipeline integrating CNN and U-Net for MRI-based tumor classification and segmentation with 95% accuracy. Implemented using Python, TensorFlow, Keras, and Streamlit for deployment. [View Project](#)

EDUCATION

- **APJ Abdul Kalam Technological University** Kerala, India
Bachelor of Technology — Computer Science and Engineering November 2021 – April 2025
Relevant Courses: Operating Systems, Data Structures, Algorithms, Artificial Intelligence, Machine Learning, OOP, Databases, Computer Vision

CERTIFICATIONS

- Oracle Cloud Infrastructure 2025 Certified Data Science Professional (Certificate)
- Oracle Cloud Infrastructure 2025 Certified Generative AI Professional (Certificate)

ACHIEVEMENTS

National Service Scheme Rudhirasena Volunteer

- Coordinated blood donation initiatives and facilitated hospital requests across the district.
- Actively engaged in community service and health awareness activities.

Media and Design Lead in College Communities

- Led media and branding for college technical communities including Tinkerhub, GDSC, and IEDC.
- Created visual content and promotional materials to support event outreach.