

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

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|--|---------------------------|
| • Luminar Technolab | Kochi, Kerala |
| • <i>Data Science Intern</i> | 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 |
| • <i>Data Science Intern</i> | 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

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|---|----------------------------|
| • APJ Abdul Kalam Technological University | Kerala, India |
| • <i>Bachelor of Technology — Computer Science and Engineering</i> | November 2021 – April 2025 |
| <i>Relevant Courses:</i> 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.