



AKSHAYJITH P S

Software Engineer

📞 +91 9778029278 ✉️ akshayjith.dev@gmail.com 🔗 [linkedin.com/in/akshayjithps](https://www.linkedin.com/in/akshayjithps)

🌐 <https://akshayjith4.github.io/Portfolio/> 🔗 <https://leetcode.com/u/Akshayjith/>

📍 Paniyileth house , adoor , malapattam PO , kannur , kerala - 670631

ABOUT ME

I'm a backend-focused CS student who enjoys building practical tools that improve everyday life. I've worked with Python, Flask, and Git, and created Revealio — a web app that helps people with dietary restrictions make safer food choices. I'm solid in DSA, currently diving into machine learning, and always up for a challenge. I'm looking for a software engineering role where I can apply my skills to build useful, impactful products.

EDUCATION

2022 – 2026

A. P. J. Abdul Kalam
Technological
University

B.Tech in Computer Science and Engineering

Vimal Jyothi Engineering College, Chemperi, Kannur
CGPA: 7.97

2020 – 2022

Government HSS,
Sreekandapuram

Higher Secondary Education

Science Stream
Percentage: 93.7%

2019 – 2020

Government HSS,
Sreekandapuram

Class 10 (SSLC)

Percentage: 95%

PROJECTS

Python, Flask,
MySQL

Enigma Password Manager

Developed a secure full-stack web application to manage encrypted passwords with full CRUD functionality. Implemented secure authentication, emphasized data protection, and optimized the UI for a smooth user experience.

Python, Flask,
Machine Learning

Revealio – Smart Ingredient Scanner & Health Risk Detector

Built a machine learning-powered web app that analyzes food product labels, identifies unsafe ingredients, and recommends personalized alternatives for users with dietary restrictions.

JavaScript, HTML,
CSS

OptiCheck – Web-Based Vision Testing and Analysis Tool

Created a vision testing tool with simulations for color blindness, astigmatism, and near/far vision. Enabled interactive result visualization and responsive UI using dynamic DOM manipulation.

Python, Flask,
SQLite

BillMates / Flatmate Bill Splitter

Built a web app to manage shared expenses among roommates. Developed stay-duration-based cost-splitting logic and automated PDF report generation for clear, transparent billing.

SKILLS

- Programming: Python, JavaScript, Java, C
- Database Design & Management
- Data Structures & Algorithms
- Full Stack Development
- Backend Development: Flask, REST APIs, CRUD
- Version Control: Git, GitHub
- Prompt Engineering
- Problem-Solving & Critical Thinking

CERTIFICATIONS

April 2025	The Complete Full-Stack Web Development Bootcamp
Udemy	Created 16 full-stack apps; worked with React, Node.js, Express, MongoDB, and basic Web3 tools.
August 2024	Intermediate to Advanced Python with 10 OOP Projects
Udemy	Applied advanced Python concepts through OOP, API integration, and database usage.
April 2024	The Complete Python Bootcamp: From Zero to Hero in Python
Udemy	Built strong Python foundations and developed multiple mini-projects.

LANGUAGES

- English
- Hindi
- Malayalam
- Tamil

INTERESTS

- Fiction writing
- calisthenics
- personal productivity
- tech side-projects

DECLARATION

I hereby declare that the information provided above is true to the best of my knowledge and belief.

Kannur, Kerala

Akshayjith P S

