

# JOMOL S

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## PROFESSIONAL SUMMARY

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Computer Science graduate skilled in Python full-stack development with experience in Django, React, and MySQL. Proficient in building RESTful APIs, database management, and Git version control. Eager to contribute to developing scalable web applications in a collaborative software development environment.

## EDUCATION

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| <b>Bachelor of Technology in Computer Science Engineering</b><br>VKCET Parippally, Kerala<br>CGPA: 8.54/10 | May 2025   |
| <b>Higher Secondary Education</b><br>KRGPM Higher Secondary School, Odanavattom, Kollam                    | March 2021 |
| <b>Secondary School Education (SSLC)</b><br>Government Higher Secondary School, Pooyappally, Kollam        | March 2019 |

## CERTIFICATIONS

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<b>Python Full Stack Development</b> Kompetenzen Technologies, Kochi, Kerala	July 2025 – Present
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- Developed full-stack web applications using **Python, Django, HTML, CSS, React.js** and **JavaScript**.
- Built and integrated **REST APIs**, connecting frontend and backend with **MySQL** using **Django ORM**.
- Implemented secure authentication and managed development, testing, and version control using **Git**.

### Other Certifications

- NIT Workshop on Robotics
- AI Character Making Workshop
- Python Workshop and IoT
- Industrial Visit – Pacelab

## SKILLS

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### Technical Skills

- **Languages:** Python, JavaScript (ES6+), HTML5, CSS3
- **Frameworks:** Django, Django REST Framework (DRF), React.js
- **Libraries:** Material UI, Ant Design, Swiper.js
- **Databases:** MySQL, Django ORM
- **Tools:** Git, GitHub, Postman, VS Code
- **Concepts:** REST API Development, JWT Authentication, OAuth 2.0, CRUD Operations, Responsive Web Design

### Soft Skills

Adaptability, Team Collaboration, Quick Learner, Time Management, Leadership, Effective Communication

## PROJECTS

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### Classification of Oral Cancer Into Pre-Cancerous Stages Using LightGBM

Dec 2024-April 2025

- Developed a LightGBM-based machine learning model to classify oral lesions into benign, malignant, and precancerous categories.
- Extracted statistical color and texture features from medical images for classification.
- Applied feature selection to improve model performance.
- Tech Stack: Python, OpenCV, NumPy, Pandas, SciPy, Scikit-learn, LightGBM, Jupyter Notebook.

### College Management System

Jan 2024-May 2024

- Built a web-based system for student enrollment and academic process automation.
- Implemented modules for course management, attendance, and result processing.
- Improved administrative workflows with efficient data handling.
- Tech Stack: HTML, CSS, JavaScript (Frontend); PHP (Backend); MySQL (Database).