

# Akshay P V

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MadayiKavu, Kannur

## PROFILE SUMMARY

Results-driven MCA graduate with expertise in full-stack development and AI, leveraging strong leadership acumen as an elected Student Union Chairman. Proven track record of resolving complex problems with a passion for innovation and collaboration.

## EXPERIENCE

### Full Stack Developer Intern

#### Vindia Infrasec Pvt. Ltd., Bangalore (February 27, 2025 – May 30, 2025)

- Spearheaded the development of a project management software using Python Django, React.js, SQLite, and Tailwind CSS, yielding a 30% boost in team productivity and a 25% reduction in project timelines.
- Successfully orchestrated 15+ projects, tracking weekly updates, task progress, and attendance, which enhanced project visibility by 40% and fostered stakeholder engagement.
- Crafted 10+ responsive components using React.js and Tailwind CSS, attaining a 95% page load speed and elevating user experience by 50%.
- Seamlessly integrated REST APIs with frontend, reducing API response time by 20% and increasing data accuracy by 15%.
- Implemented robust form validation and error handling, resulting in a 40% decline in user errors and a 20% increase in data quality.
- Collaborated on Git, handled testing, and ensured smooth deployment on GoDaddy, achieving a 99% uptime and streamlining deployment time by 30%.

## ACADEMIC PROJECTS

### MallSpace – Mall Offers and Space Management System

(October 29 – December 15, 2024)

- Technologies used: Python Django, HTML, CSS, JavaScript, SQLite
- Conceptualized and developed a Django-based app for booking mall offers, rental spaces, and parking, driving a 25% surge in mall occupancy rates and a 15% rise in offer redemptions.
- Streamlined user login, offer listings, and admin approvals, reducing admin workload by 30% and amplifying user engagement by 20%.
- Designed and built 5+ forms with validation for booking and space requests, achieving a 95% data accuracy rate and minimizing booking errors by 40%.
- Utilized SQLite for storing user, offer, and rental data, ensuring 99.9% data availability and expediting data retrieval time by 25%.
- Created a visually appealing UI using HTML, CSS, and Django templates, resulting in a 30% increase in user satisfaction and a 20% decrease in bounce rates.

### CancerCare – Breast Cancer Detection System

November 1 – February 20 (2022–23)

- Technologies used: Python, Flask, Random Forest, HTML, CSS
- Developed and refined an ML-based web app to detect breast cancer risk, attaining an accuracy rate of 95.5% and reducing false positives by 30%.
- Leveraged Flask to connect frontend forms with prediction logic, processing 500+ user inputs and generating precise risk assessments.
- Trained and fine-tuned a model using scikit-learn with 95%+ test accuracy, outperforming baseline models by 10% and enhancing prediction reliability.
- Designed an intuitive UI for user input and result display, resulting in a 90% user adoption rate and positive feedback from 95% of users.
- Validated input features and deployed in a local environment, ensuring 99% data integrity and streamlining deployment time by 25%.

## SKILLS

### Technical Skills

- Backend Development: Python, Django, Express.js, Node.js
- Frontend Development: React, Angular, Tailwind CSS, HTML, JavaScript, Bootstrap
- Database: MySQL, PostgreSQL, MongoDB, SQLite
- Programming Languages: C, C++, Java, PHP, Python
- Tools: Git, Visual Studio, PyCharm

### Soft Skills

- Strong foundation in Data Structures and Algorithms (DSA)
- Intermediate knowledge of Database Management Systems (DBMS)
- Collaborative Teamwork and Leadership
- Effective Task Prioritization
- Clear Communication

## CERTIFICATES

### MEAN STACK Master Program | [Simplilearn](#) [View-Certificate](#)

- Completed comprehensive training with hands-on projects using the full MEAN stack
- Gained expertise in JavaScript fundamentals, RESTful services, and frontend-backend integration

## EDUCATION

- Master of Computer Application,**  
Chinmaya Institute of Technology (Aug 2, 2023 – present)
- Bachelor of Computer Science,**  
Kannur University (Aug 1, 2020 – March 30, 2023)
  - CGPA: 77.93

## HONOR

- Elected Student Union Chairman (2023–2025)**
  - Demonstrated exceptional leadership, event coordination, and strong representation of student interests
- Scholarship (2023)**
  - Awarded by Chinmaya Trust Thrissur for outstanding academic performance