

# ALBIN SHAJI

+91 9526449307 ◊ Palakkad, Kerala, India

[albinshaji39k@gmail.com](mailto:albinshaji39k@gmail.com) ◊ [linkedin.com/in/albin-shaji-530192340/](https://www.linkedin.com/in/albin-shaji-530192340/) ◊ [tinyurl.com/47y7f3tn](https://tinyurl.com/47y7f3tn)

## PROFILE

Highly motivated Web Developer, Software Developer, and Data Analyst with a Bachelor's degree in Computer Applications and hands-on experience in data analytics and full-stack development. Proven proficiency in Python, Java, PHP, JavaScript, Django, and MySQL. As a former Associate Analyst at Deloitte, I developed a strong foundation in data integration, system design, and performance optimization. Eager to leverage strong problem-solving skills and technical expertise to drive innovation in dynamic IT environments.

## EDUCATION

<b>Master of Computer Applications (MCA)</b> BVM Holy Cross College, Cherpunkal, Kottayam.	2025 - Present
<b>Bachelor of Computer Applications (BCA)</b> BVM Holy Cross College, Cherpunkal, Kottayam.	2021 - 2024
<b>Higher Secondary</b> GHSS Pottassery, Palakkad.	2019 - 2021
<b>SSLC</b> Carmel HS, Palakkayam, Palakkad.	2018 - 2019

## SKILLS

<b>Programming Languages:</b>	C, C++, Java, Python, PHP
<b>Web Technologies</b>	HTML, CSS, JavaScript, Bootstrap
<b>Scripting &amp; Frameworks:</b>	Batch Scripting, BASH, Django, Flask
<b>Database:</b>	MySQL, SQLite, PostgreSQL, Oracle SQL
<b>Tools &amp; Platforms:</b>	ODI Studio, MySQL Workbench, XAMPP, Microsoft SQL Server
<b>Others:</b>	Web Development, Web Hosting, Data Analysis, System Administration

## CERTIFICATIONS

- Advanced Python
- Ethical Hacking for Beginners
- Front-End Development
- Cloud Foundations
- Data Analysis using Excel
- Network Security
- Advanced SQL
- Data Science with Python
- Java Programming

## EXPERIENCE

<b>Data Analyst</b> Deloitte Consulting India LLP, Hyderabad, India	Dec 2024 - Mar 2025
<ul style="list-style-type: none"><li>• Streamlined data pipelines through the implementation and management of Data Warehousing (DWH) and Oracle Data Integrator (ODI).</li><li>• Optimized data integration processes by developing and refining complex SQL queries and leveraging data processing tools.</li><li>• Contributed to enhancing data quality and accessibility, supporting robust reporting and analytical capabilities for client projects.</li><li>• Gained practical experience in large-scale enterprise data environments and agile project methodologies.</li></ul>	
<b>Python Developer</b> Singularis Software Technologies PVT LTD, Cochin, Kerala, India	Jan 2024 - May 2024

- Optimized web application performance, leading to a 20% increase in user engagement and improved response times.
- Developed and deployed a robust client management system using Django, which significantly enhanced workflow efficiency.
- Implemented secure and scalable back-end functionalities, including user authentication and data management, using Django and related frameworks.

## PROJECTS

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### Secure Web Server & Network Configuration (Apache, MySQL, Networking, Security)

- Configured and managed a local server (using XAMPP Apache) for internet accessibility, including strategic port forwarding and listening to ensure optimal service delivery.
- Implemented foundational network security measures, including firewall rules and basic DDoS protection strategies, to safeguard server integrity and data.
- Utilized Wireshark for real-time network traffic analysis, monitoring port activity and identifying potential vulnerabilities or unusual patterns.
- Gained hands-on experience in server hardening, network security principles, and practical application of monitoring tools in a live environment.

### Personal Portfolio Server & Web Hosting Project (PHP, MySQL, Apache, XAMPP, PHPMailer)

- Transformed a local machine into a globally accessible web server using XAMPP (Apache & MySQL) to host a personal portfolio.
- Configured network settings and domain mapping to ensure 24/7 internet accessibility, serving as a live demonstration of web hosting capabilities.
- Developed and deployed a dynamic personal portfolio website, enabling worldwide access to my projects, skills, contact information, and downloadable project files.
- Gained hands-on experience in server setup, network configuration, and ensuring public accessibility for web applications.

### Real Estate Management System (Python, Django, SQLite)

- Designed and implemented a full-stack web application with robust features for property listings, secure user authentication, and advanced search functionality.
- Optimized search algorithms and database queries, achieving a 30% improvement in property search efficiency for users.
- Developed RESTful APIs and ensured data integrity for property management operations.
- Utilized Git for version control and followed agile development principles throughout the project lifecycle.

### Placement Management System (PHP, MySQL)

- Developed a comprehensive college mini-project to automate and streamline the institutional placement process.
- Enabled student registration, dynamic company listings, efficient application tracking, and automated interview scheduling functionalities.
- Significantly improved overall workflow efficiency within the institution by centralizing placement activities and reducing manual overhead.
- Implemented secure database interactions and user role management to ensure data privacy and system integrity.

## EXTRA-CURRICULAR ACTIVITIES

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- Co-organized and led workshops on web development and database management for over 94 students, enhancing their practical coding skills.
- Mentored junior members in understanding core programming concepts and preparing for college-level projects.