

# ALBIN SHAJI

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## CAREER OBJECTIVE

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To obtain a full-time position in web development, backend development, or data analysis, contributing to innovative projects, learning from experienced teams, and fostering professional growth in a challenging environment. Applying academic background and practical experience in real-world scenarios while continuously upskilling in emerging technologies. Goal is to evolve as a versatile IT professional who delivers impactful solutions, supports team objectives, and adds long-term value to any organization.

## PROFILE

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Highly motivated Web and Software Developer with a Bachelor's in Computer Applications and hands-on experience in full-stack development, data analysis, and system administration. Proven skills in Python, Java, PHP, JavaScript, and MySQL, with a passion for creating secure, scalable, and efficient applications. Adaptable, quick learner, and committed to long-term growth. Familiar with agile development and modern software systems. Delivered measurable improvements across multiple client and academic projects. Open to relocation and available for immediate joining.

## EDUCATION

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

## TECHINICAL SKILLS

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<b>Programming Languages:</b>	Python, Java, PHP, C, C++
<b>Web Technologies</b>	HTML, CSS, JavaScript, Bootstrap
<b>Frameworks &amp; Tools:</b>	Django, Flask, Batch Scripting, Bash, Git, XAMPP, ODI Studio
<b>Database:</b>	MySQL, SQLite, PostgreSQL, Oracle SQL, Microsoft SQL Server
<b>Other Tools:</b>	PHPMailer, Wireshark, MySQL Workbench, VS Code, Web Hosting

## SOFT SKILLS

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Communication, Team Collaboration, Problem-Solving, Time Management, Adaptability

## CERTIFICATIONS

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

## EXPERIENCE

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### Data Analyst

Dec 2024 - Mar 2025

Deloitte Consulting India LLP, Hyderabad, India

- Built and optimized ETL pipelines using Oracle Data Integrator and Data Warehouse systems.
- Reduced SQL query execution time by 30% for internal reporting.
- Enhanced data accessibility and quality for reporting teams, increasing report accuracy by 25%..
- Collaborated in agile teams across enterprise-scale data environments.

### Python Developer

Jan 2024 - May 2024

Singularis Softwares, Cochin, Kerala, India

- Developed a Django-based client management system, improving user engagement by 20%.
- Integrated secure login/auth modules; minimized unauthorized access.
- Collaborated with frontend teams on dashboards and REST APIs.

## PROJECTS

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

- Deployed and secured a local web server with XAMPP and configured port forwarding for remote access.
- Applied basic DDoS mitigation techniques and firewall settings to protect system integrity.
- Used Wireshark to analyze network traffic, detect unusual patterns, and troubleshoot vulnerabilities.
- 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, PHPMailer)

- Hosted a fully functional portfolio on a local machine accessible globally via domain mapping.
- Built interactive PHP-based website for personal projects and documents.
- Configured mailer functions and network firewall to ensure secure uptime and data delivery.
- Obtained hands-on experience in server setup, network configuration, and ensuring public accessibility for web applications.

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

- Built a listing portal with admin panel, property uploads, and search optimization.
- Improved search efficiency by 30% and implemented role-based user access.
- 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)

- Automated student registration, job postings, and interview scheduling.
- The centralized database improved the efficiency of the placement workflow by 40%.
- 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.