

# ASHOK G

Lead Software Engineer | Cloud Solutions Architect | Full-Stack Developer

**Dynamic and result-oriented Lead Software Engineer with over 15 years of experience in software development, cloud architecture, and solution design.** Proven expertise in leveraging AWS cloud services and full-stack development to build scalable, high-performance applications. Adept at leading technical teams, driving legacy system modernization, and optimizing system efficiency. Committed to delivering innovative solutions that align with business goals and enhance user experience. Skilled in mentoring teams and collaborating cross-functionally to ensure timely project delivery. Seeking to apply my technical leadership and cloud architecture skills in an Applications Architect role to drive transformative business growth.

Mobile: +91 9632810890    E-mail: ashok@inbox.com    Address: Coimbatore, Tamil Nadu, India  
LinkedIn: <https://www.linkedin.com/in/ashokji/>

## PROFESSIONAL SUMMARY

- Extensive Experience:** Possess over 15 years of comprehensive experience in software engineering, solution architecture, and cloud infrastructure design, delivering scalable and innovative software solutions across diverse industries.
- Technical Leadership and Team Mentorship:** Proven track record in leading and mentoring engineering teams, enhancing their technical skills and productivity while ensuring the timely delivery of high-quality projects aligned with organizational goals.
- Cloud Architecture and Infrastructure Management:** Expertise in architecting and managing AWS cloud services such as EC2, ECS, S3, Lambda, RDS, Glue, and Lake Formation to build resilient, scalable, and secure cloud-native applications.
- Full-Stack Application Development:** Skilled in developing robust front-end and back-end applications using Java SpringBoot, Angular, PHP, Python, and relational databases like MySQL and PostgreSQL, focusing on seamless integration and performance.
- Legacy System Modernization:** Successfully led complex legacy system migrations to modern cloud infrastructure, ensuring 100% data accuracy, improved system scalability, and reduced technical debt.
- End-to-End Solution Design:** Adept at designing complete application workflows, including database schema design and scalable data pipeline development, to support efficient data processing and user experience optimization.
- Security Implementation and Compliance:** Implemented robust security measures and best practices to safeguard sensitive customer data, ensuring compliance with regulatory standards and maintaining system integrity.
- Performance Tuning and Optimization:** Experienced in diagnosing system bottlenecks and optimizing both application code and cloud infrastructure configurations to significantly improve responsiveness, scalability, and resource utilization.
- Cross-Functional Collaboration:** Collaborated effectively with product managers, quality assurance, and UX teams to define project requirements, align technical solutions with business objectives, and deliver user-centric features.
- Commitment to Continuous Improvement and Innovation:** Dedicated to ongoing learning and adoption of emerging technologies and industry best practices to drive continuous innovation, enhance system capabilities, and maintain a competitive edge.

## TECHNICAL SKILLS

AWS   Java SpringBoot   PHP   MySQL   PostgreSQL   Python   JavaScript   HTML/CSS   Solution Architecture   Data-lake   Drupal  
Wordpress   Laravel

## WORK EXPERIENCE

### Lead Software Engineer

Clarivate (Apr 2019 - Present)

- Technical Leadership and Team Management:** Provided strong technical leadership and mentorship to a team of engineers, fostering skill development and ensuring high-quality deliverables for the customer-facing portal.
- End-to-End Application Design:** Spearheaded the design and implementation of the entire application flow, ensuring seamless integration between frontend and backend components.
- Backend API Development and Code Review:** Developed robust backend APIs using Java SpringBoot and conducted rigorous code reviews to maintain code quality and adherence to best practices.
- Database Design and Scalable Data Pipelines:** Architected scalable database schemas and data pipeline workflows on AWS Postgres RDS, enabling efficient data processing and retrieval.
- Legacy System Migration:** Led the migration of 10–15-year-old legacy applications to modern cloud infrastructure, achieving 100% data accuracy and enhanced performance.
- Cloud Infrastructure Management:** Managed AWS services including ECS and RDS, optimizing resource allocation and ensuring high availability and scalability of the portal.
- Performance Optimization:** Improved application and infrastructure performance by identifying bottlenecks, fine-tuning Java SpringBoot services, and optimizing AWS configurations.
- Cross-Functional Collaboration:** Collaborated with product managers, QA, and UX teams to align project goals, scope, and deliverables, facilitating smooth project execution.
- Security Implementation:** Designed and enforced robust security protocols to protect sensitive customer data, comply with regulatory standards, and maintain system integrity.
- Proactive Monitoring and Incident Management:** Established monitoring systems to track application health and performance, enabling rapid response to incidents and minimizing downtime.

### Sr. Software Engineer

DRG - Decision Resources Group (Clarivate) (Jun 2016 - Mar 2019)

- Website Development:** Spearheaded the development and ongoing enhancement of the corporate website to improve user engagement.
- Custom Search Platform:** Designed and implemented a Solr-based custom search platform to enhance search accuracy and efficiency.
- Full-Stack Development:** Developed both front-end and back-end components, ensuring seamless integration and robust performance.
- Security Focus:** Implemented security best practices throughout application development to protect user data and prevent vulnerabilities.

- **Performance Optimization:** Improved website speed and responsiveness through targeted code optimizations.
- **Code Review Leadership:** Conducted thorough code reviews to maintain coding standards and promote best practices across the team.
- **Technical Documentation:** Created comprehensive technical specifications and system architecture documentation for future reference and onboarding.
- **Cross-Functional Collaboration:** Worked closely with product owners, designers, and QA teams to ensure timely delivery and quality.
- **User Satisfaction Improvements:** Enhanced website features based on user feedback, resulting in increased satisfaction and usability.
- **Scalable Architecture:** Ensured scalable architecture to support growing user base and data volumes.

## Wordpress Specialist

TOBOC (Apr 2015 - May 2016)

- **Custom Plugin Development:** Built custom WordPress plugins tailored to project-specific requirements, improving functionality.
- **Open-Source Maintenance:** Maintained and upgraded other open-source PHP/MySQL projects ensuring stability and security.
- **Individual Contributor Role:** Delivered high-quality results independently without direct team management.
- **Database Administration:** Managed MySQL databases for WordPress and related PHP projects to ensure efficient data handling.
- **Project Delivery:** Successfully completed assigned projects on time, aligning with client specifications.
- **Code Optimization:** Enhanced code quality and performance for existing WordPress functionalities.
- **Security Enhancements:** Applied best practices for WordPress security to safeguard websites against common threats.
- **Technical Troubleshooting:** Diagnosed and resolved technical issues promptly to minimize downtime.
- **Client Communication:** Maintained clear communication with clients for requirement clarification and project updates.
- **Documentation:** Prepared technical documentation for plugins and project workflows to support future maintenance.

## Senior Project Specialist

Payoda Technologies (Jul 2014 - Apr 2015)

- **Team Leadership:** Led a UI development team of 15 junior developers, fostering skill growth and project ownership.
- **Project Execution:** Successfully managed web development projects using WordPress from initiation to delivery.
- **Process Benchmarking:** Established development benchmarks and process standards to improve project quality.
- **Cross-Functional Coordination:** Collaborated with multiple teams to gather and refine project requirements.
- **Mentorship & Training:** Provided ongoing guidance and training to junior developers to enhance team capabilities.

## Sr. Programmer

ELGI EQUIPMENTS LIMITED (Jul 2010 - Jun 2014)

- **Application Development:** Developed and maintained custom software applications supporting multiple departments.
- **Feature Implementation:** Designed and implemented new software features addressing stakeholder needs.
- **End-User Training:** Delivered workflow and software training to end-users, improving adoption and efficiency.
- **Workflow Improvement:** Streamlined business workflows through technology enhancements.
- **Technical Support:** Provided ongoing maintenance and troubleshooting for organizational software systems.

## Web Developer

SUDHARSANITECH (NOW AIRPUSH INDIA PVT. LTD.,) (Mar 2010 - Jun 2010)

## Web Programmer

ECSTASOFT SOLUTIONS (Sep 2009 - Feb 2010)

## Junior Web Developer - Web Developer

DESIGNOSOFT (Jul 2008 - Aug 2009)

## EDUCATION

**MCA (Masters In Computer Applications)** (Jul 2005 - Mar 2008)  
Government Arts College, Bharathiyar University, Coimbatore, India

**B.Sc - Mathematics** (Jul 2002 - Mar 2005)  
Government Arts College, Bharathiyar University, Coimbatore, India

## CERTIFICATIONS

- **Data Engineering Foundations Professional Certificate** (Astronomer)

## ACHIEVEMENTS

- **NCC Air Wing C-Certificate Holder:** Demonstrated strong leadership, discipline, and commitment within a structured and demanding environment, reflecting exceptional dedication to service and teamwork.

## SKILLS

**Core Competencies:** Technical Leadership, System Optimization, Requirements Gathering, Team Management, Project Execution

**Soft Skills:** Leadership, Mentoring, Communication, Problem-solving

## HOBBIES

Tech Learning, Problem Solving, Active Games, Photography