



Abhishek Sinha

Enterprise Solutions Architect

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🌐 <https://www.linkedin.com/in/theabhisheksinha> 🐙 <https://www.github.com/theabhisheksinha>

📺 <https://www.youtube.com/the.abhisheksinha>

A results-driven TOGAF 9.1 certified Enterprise Solutions Architect with over 21 years of experience in leading complex enterprise-level projects. I specialize in cloud-based solutions and CRM systems, but also apply my expertise to build innovative solutions, such as **Archaion**, **NyaySamwad**, a free AI-powered legal chatbot on Telegram and Whatsapp. This passion for innovation and a deep understanding of cloud architecture and business analysis allows me to bridge the gap between legacy systems and next-generation technologies. I work at CAST Software India Pvt. Ltd as Pre-Sales Manager and help grow the business in India, APAC, West Asia and spread the awareness about the products on Software Intellegence.

📁 Leadership Initiative

06/2025 – Present

NyaySamwad 🌐, *Advanced Serverless AI Legal Chatbot with Proprietary NyayRAG*

Founded, Architected and developed a scalable AI legal chatbot for Telegram and WhatsApp, evolving the core engine from a standard conversational model to a specialized Retrieval-Augmented Generation (RAG) system. This advanced solution is built to deliver highly accurate and context-aware legal information.

Key Technical Contributions:

- **Proprietary RAG System:** Designed and implemented a custom RAG solution named **NyayRAG**, trained on a curated corpus of public legal documents to provide domain-specific and authoritative responses.
- **Advanced AI Integration:** Developed the system on **AWS Bedrock**, leveraging its foundation models and capabilities to power the RAG and conversational AI components.
- **Agentic Framework Development:** Currently working on transitioning the system towards an **Agentic RAG** framework, creating multi-step workflows to automate and streamline responses for a variety of complex legal use cases.
- **Serverless Architecture:** Utilized **AWS Lambda** for the application's business logic and **Amazon DynamoDB** for scalable chat data storage, ensuring high availability and a cost-effective operational model.

This project highlights deep expertise in **business acumen, problem solving, solutions architecture, advanced generative AI development (RAG and Agentic systems), serverless computing, and the strategic use of AWS Bedrock** to build sophisticated, domain-specific AI applications.

03/2026 – 04/2026

Archaion Analyzer: Multi-Agent Modernization Framework,
<https://github.com/theabhisheksinha/Archaion>

Architect & Lead Developer

- Architected and developed "Archaion," an autonomous AI framework designed to automate the discovery and analysis phase of legacy enterprise application modernization using CAST Imaging MCP Server integration.

- Orchestrated a multi-agent system using the **CrewAI framework**, engineering collaborative workflows between specialized agents (Architect, Legacy Specialist, and Cloud-Native Expert) to perform deep-code inspection.
- Designed the framework to reduce manual effort in architectural refactoring by identifying "dead-wood" and modernization blockers through automated, role-based reasoning.
- Integrated agentic workflows with large-scale CAST Imaging code analysis data, establishing a repeatable pattern for AI-driven application modernization roadmaps.

04/2025 – 11/2025

CAST Imaging MCP Server – Global Rollout [↗](#),

Sole CAST India representative driving use-case strategy, beta enablement, and adoption

- Core member of the global 5-person CAST Imaging MCP server roll-out team; sole representative from CAST India bridging product, engineering, and GTM.
- Defined prioritized business use cases and authored test charters spanning performance, reliability, edge cases, and error handling ahead of LTS.
- Led multi-IDE compatibility validation (Trae, AWS Q, Gemini CLI, VS Code) with reproducible scenarios, compatibility matrices, and rapid issue triage.
- Orchestrated customer beta pilots; mapped RFPs and modernization goals to MCP-powered workflows and fed structured feedback to harden the product.
- Produced adoption assets: PRD/BRD templates, demo playbooks, and solution patterns for PaaS migrations and monolith-to-microservices decomposition.
- Evangelized MCP across existing and prospective accounts; coached pre-sales and early adopters to achieve measurable time-to-value in PoCs.
- Partnered with customers to surface hidden dependencies, risks, and modernization blockers; improved discovery quality and decision readiness.

 **Professional Experience**

10/2019 – Present
Bangalore

Manager Pre-Sales / Pre-Sales Solutions Architect, *CAST Software India Pvt. Ltd.* [↗](#)

- Led pre-sales solutions and technical demonstrations for prospective and existing high value clients, showcasing the capabilities of CAST Application Intelligence Platform and CAST Highlight.
- Own end-to-end pre-sales for CAST Imaging MCP rollout: discovery, solution mapping, demos/PoCs, and executive alignment.
- Implement and validate MCP integrations across Trae, AWS Q, Gemini CLI, and VS Code; ensure compatibility, performance, and resilience.
- Translate business needs into actionable use cases that accelerate RFPs, de-risk modernization, and inform cloud-native designs; produce PRDs/BRDs and migration artifacts.
- Delivered technical talks and knowledge sessions at various events demonstrating CAST product capabilities.
- Managed all pre-sales activities, including product training, implementation management, and proof of concepts.
- Authored comprehensive RFPs and proposals, crafting compelling value propositions and value measurements to secure new business.
- Contributed to customer management and project management as part of the solutions team.

09/2014 – 09/2019
Bangalore

Solutions Architect, *Happiest Minds Technologies Ltd* [↗](#)

- Designed and implemented solutions for on-premise, Big Data, and cloud-based applications, including green-field implementations and migrations.
- Managed projects and support for a range of application suites, ensuring smooth transitions and maintenance.
- Provided online training for cloud-based technologies and managed proof of concepts to validate new solutions.
- Developed RFPs and proposals, defining value propositions to support business development efforts.
- Team Manager/Technical Manager/ Solutions Architect for E2E project delivery for Telecommunicatins and Banking Clients.


- 05/2011 – 09/2014
Banaglore
- Technical Leader, Atos India Pvt. Ltd** [↗](#)
- Managed the development, maintenance, and migration of Clarify (Amdocs CRM 7.5) and Siebel 8 Applications.
 - Applied Lean management principles to improve project efficiency and quality.
 - Led team of 12 resources for the CRM based application development and Maintenance project
- 12/2010 – 04/2011
Gurugram
- Assistant Manager, Videocon Telecommunications Ltd.** [↗](#)
- Vendor management and application delivery, ensuring alignment with business goals.
 - Conducted business analysis and requirement gathering from various stakeholders and regulatory bodies like TRAI for MNP implementation
- 12/2007 – 12/2010
Noida
- Application Consultant, IBM India Pvt Ltd.** [↗](#)
- Led team of 7 resources for the development and maintenance of Clarify 11.5 and Siebel 8 Applications based CRMs for telecom customers.
 - Project management, Change mangement, incident management, effort estimation
- 08/2005 – 12/2007
Noida
- Lead Analyst, Patni Computer Systems Ltd.** [↗](#)
- Managed a team responsible for the development and maintenance of Clarify 11.5 Applications.
 - Individual contributor for the applicaiton development and maintenence projects
- 11/2004 – 06/2005
Noida
- Customer Contact Executive, Colwell and Salmon Communications India Pvt Ltd** [↗](#)
- Individual contributor for the CRM support and Customer Support for telecom clients (Carphone Warehouse, UK)
 - Application support engineer for CRM suit

Education

- 11/2000 – 06/2004
Lucknow
- Bachelor of Technology, Uttar Pradesh Technical University,**
<https://aktu.ac.in/> [↗](#)
Majoring in Electronics and Telecommunication Engineering
- 04/1995 – 05/1998
Prayagraj
- Indian School Certificate, I.S.C.**
<https://cisceboard.org/> [↗](#)
Boy's High School and Collage, Prayagraj,UP
Majoring in Science, Mathematics, Hindi and English
- 04/1995 – 05/1996
Prayagraj
- Indian Council for Secondary Education, I.C.S.E.**
<https://cisceboard.org/> [↗](#)
Boy's High School and Collage, Prayagraj,UP
Majoring in Science, Mathematics, Social Studies, Hindi, English and Commerce

Certifications

TOGAF 9.1 Enterprise Architect

<https://theopengroup.org/> 

June 2016


CID: 108771

GCP Generative AI Leader

Training Completed

Examination pending

AWS Certified Developer - Associate

<https://aws.amazon.com/> 

December 2019

Validation Number POLT0SF1CJF11HG7

Siebel 8.0 Consultant

<https://www.oracle.com/> 

June 2009

Oracle certified Siebel 8.0 Consultant

I.E.L.T.S

<https://ielts.ucles.org.uk/> 

Jan 2023

SOA Foundation certified

<https://www.ibm.com/> 

May 2010

IBM certified SOA Practitioner

Android Application Programming

<https://www.aptech.com/> 

September 2015


Android application programming

Nvidia - Building RAG Agents with LLMs

Training Completed

Certificate Pending

AWS Certified Solutions Architect

<https://aws.amazon.com/> 

December 2017

Validation Number T9DHNZFC2FRE1Z9T

Microsoft Certified-Azure Fundamentals

<https://www.mcp.microsoft.com/> 

December 2019

Microsoft Certification ID: 17667365 Transcript ID: 1235782

Big Data Developer

<https://as.wiley.com/> 

October 2015

Wiley Certified Big Data Developer training


OCA

<https://www.oracle.com/> 

September 2010

Oracle Database 10g Certified Associate

Level 1 Spanish Language

<https://www.institutohispania.com/> 

May 2008

Basic Spanish Language training from Instituto Hispania, New Delhi

LEAN Foundation - Navigator

<https://atos.com/> 

July 2012

AtoS LEAN foundation and implementation and training

Languages

Hindi • English • Spanish

References

Available on request