



Abhishek Sinha

Enterprise Solutions Architect

✉ iam@theabhisheksinha.com 📞 +91-9818364419 📍 Bangalore, KA, India 🔗 <https://www.theabhisheksinha.com>

🌐 <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 **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

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 accumen, 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.

📁 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.
- 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.


	<ul style="list-style-type: none"> Contributed to customer management and project management as part of the solutions team.
09/2014 – 09/2019 Bangalore	Solutions Architect, Happiest Minds Technologies Ltd  <ul style="list-style-type: none"> 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.
05/2011 – 09/2014 Banaglore	Technical Leader, Atos India Pvt. Ltd  <ul style="list-style-type: none"> 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.  <ul style="list-style-type: none"> 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.  <ul style="list-style-type: none"> 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.  <ul style="list-style-type: none"> Managed a team responsible for the development and maintenance of Clarify 11.5 Applications. Individual contributor for the applicaiton development and maintenance projects
11/2004 – 06/2005 Noida	Customer Contact Executive, Colwell and Salmon Communications India Pvt Ltd  <ul style="list-style-type: none"> 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

AWS Certified Developer - Associate

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

December 2019

Validation Number P0LT0SF1CJF11HG7

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

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