

ARUNAVA SIRCAR

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Strategic and results-driven technology executive with 20 years of experience building high-performing engineering teams and delivering transformative business outcomes. Proven ability to drive innovation, foster technical excellence, and scale operations in fast-paced, dynamic environments. Adept at turning complex technical strategies into clear, actionable roadmaps that align with business goals and create measurable value.

Recognized for building a culture of trust, accountability, and continuous improvement—where collaboration and talent development thrive. Passionate about harnessing emerging technologies to accelerate product innovation, enhance customer experiences, and fuel sustainable growth. Committed to cultivating empowered teams grounded in empathy, purpose, and a shared drive for excellence.

Skills

- **Enterprise Architecture & Strategic Solution Design:** Proven expertise in architecting and deploying scalable, secure, and resilient enterprise solutions that align with and propel organizational objectives.
- **Transformational Engineering Leadership & Talent Development:** Demonstrated ability to lead, mentor, and scale diverse engineering teams, fostering a culture of innovation, collaboration, and high performance.
- **Cloud Strategy & Implementation (AWS, GCP):** Extensive experience in architecting, migrating, and optimizing cloud infrastructures, with a strong focus on cost efficiency, security, and reliability.
- **Advanced Software Development (Java, Microservices, Modern Frameworks):** Deep proficiency in contemporary software engineering practices, including microservices and API-driven architectures, to build robust, maintainable, and scalable systems.
- **DevOps & Continuous Delivery Excellence:** Advocate and implementer of DevOps principles, with hands-on experience in building CI/CD pipelines that accelerate development cycles and enhance operational resilience.
- **Data Engineering, Analytics & Insights:** Specialized in designing and delivering data engineering solutions, leveraging platforms like Databricks to unlock actionable insights and support data-driven decision-making.
- **Technical Vision & Strategic Execution:** Adept at developing and executing a cohesive technical vision that aligns with long-term business goals, driving significant value through innovation and strategic initiatives.
- **Innovation & Emerging Technology Integration:** Passionate about identifying and integrating emerging technologies to drive competitive advantage, foster continuous improvement, and spur growth.
- **Operational Excellence & Process Optimization:** Skilled in streamlining engineering processes and operations, driving efficiency, reducing waste, and ensuring quality across all stages of the development lifecycle.

Professional Experience

Senior Director of Engineering at Symphony Talent India Pvt. Ltd., Noida, India (Feb, 2020 - Present)

- Architected and designed a comprehensive data landscape utilizing cutting-edge tools such as Databricks, Fivetran, and Sigma Computing, ensuring a robust foundation for real-time analytics and AI-driven insights. Spearheaded the design and implementation of state-of-the-art data pipelines, leveraging Medallion Architecture to optimize data flow and integrity across the organization.
- Established a modern integration ecosystem by evaluating and selecting the latest tools and technologies through a rigorous cost-value analysis, ensuring alignment with organizational goals and maximizing ROI. Collaborated closely with product and services teams to identify the most suitable technologies and form high-performing, cross-functional teams to deliver mission-critical projects.
- Conceptualized, designed, and successfully delivered a complex workflows engine capable of scaling to process multi-million events in real-time, utilizing advanced stream processing techniques. This innovation significantly enhanced operational efficiency and supported strategic business initiatives.
- Led a team of expert architects and chaired the Architecture Review Board (ARB), driving architectural excellence and ensuring adherence to best practices across all engineering projects.
- Provided visionary leadership to the engineering team, setting clear, ambitious goals and fostering a culture of collaboration, continuous improvement, and accountability. Guided the team in implementing engineering strategies that are tightly aligned with the organization's overarching objectives.
- Offered deep technical expertise and mentorship, assisting with complex problem-solving and decision-making processes, and ensuring that technical challenges are met with innovative solutions.
- Continuously refined engineering processes and practices to boost efficiency, enhance quality, and foster a culture of innovation, positioning the team as a key driver of the company's success.

Senior Manager Technology at Publicis Sapient, Noida, India (May, 2014 - Jan, 2020)

- Instrumental in the end-to-end development of a cutting-edge BOPIS (Buy Online, Pickup In Store) solution, a cornerstone of the company's omnichannel strategy, driving significant growth and customer engagement. Collaborated closely with product, design, and operations teams to ensure seamless integration across all touchpoints, delivering a robust and scalable solution from inception to deployment.
- Established and refined a Global Distributed Delivery model, implementing effective ways of working that bridged geographical and cultural divides. Fostered a collaborative environment that emphasized knowledge sharing, agile practices, and continuous improvement, ensuring cohesion and productivity across distributed teams.
- Pioneered Full Cycle Development practices, empowering teams to take ownership of the entire software development lifecycle—from concept and design through to deployment and maintenance. This shift not only enhanced accountability but also significantly improved product quality and time-to-market.
- Led multiple development teams, providing strategic direction and day-to-day oversight to ensure alignment with the organization's broader objectives. Successfully managed the complexities of a large-scale transformation, guiding teams through the intricacies of modern software development while maintaining a focus on delivering value.
- Implemented and optimized a suite of engineering tools and best practices, tailored to enhance team efficiency, streamline workflows, and boost overall productivity. Initiated organization-wide code quality enforcement measures, establishing a culture of excellence and continuous improvement.
- Spearheaded the architectural transformation from a monolithic structure to a microservices-based architecture. This transition dramatically improved system scalability, resilience, and agility, positioning the company to better respond to market demands and future-proofing the technology stack.

Advisory System Analyst at IBM India Pvt. Ltd., Noida, India (Apr, 2010 - May, 2014)

- Served as both Technical Architect and Technical Manager for a high-performing team focused on delivering complex, mission-critical applications for a major healthcare client, specializing in Java technologies. Led the end-to-end design, development, and testing of sophisticated solutions tailored to meet the unique demands of healthcare distribution, ensuring robust performance, security, and compliance.
- Directed the Scrum process as Scrum Master, fostering a collaborative and agile environment that accelerated delivery timelines and improved team cohesion. Ensured strict adherence to agile principles, optimizing the team's efficiency and responsiveness to changing client needs.
- Played a hands-on role in the design, development, and testing phases, providing technical expertise and guidance to ensure high-quality deliverables. Actively collaborated with stakeholders to translate business requirements into scalable and maintainable solutions, significantly contributing to the client's operational success.

Senior Software Engineer at Oracle India Pvt. Ltd., Bengaluru, India (Sep, 2006 - Apr, 2010)

- Contributed to the Platform Technology team for the Oracle JD Edwards product line, playing a pivotal role in enhancing the product's integration with a wide array of third-party solutions, including application servers, operating systems, compilers, and databases.
- Led the integration efforts, ensuring seamless interoperability between Oracle JD Edwards and various external technologies, thereby expanding the product's versatility and market reach. Specialized in Application Server Adoptions, driving the successful adoption and optimization of leading application servers, enhancing the overall performance and reliability of the product.
- Collaborated extensively with multiple partner companies, orchestrating efforts to streamline and accelerate the adoption process. Cultivated strong partnerships, facilitating smooth integration and ensuring that all adoptions met stringent quality and performance standards.

Associate Software Engineer at Torrey Harris Business Solutions Pvt. Ltd., Bengaluru, India (Jun, 2005 - Aug, 2006)

- Worked as a developer building a Java based application for a telecom giant from scratch.
- Involved in design, development and testing of various modules

Education

Bachelor of Technology, JSS Academy of Technical Education, Noida, India (2001 - 2005)

Specialization - Electronics and Communication

Marks - 75.38%

HSC (ISC Board), Bishop Johnson School and College, Prayagraj, India (2000)

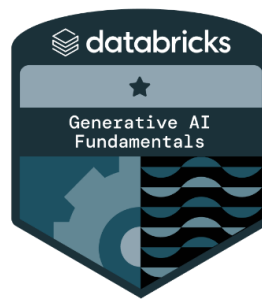
Marks - 87.3%

SSC (ICSE Board), Bishop Johnson School and College, Prayagraj, India (1998)

Marks - 89.2%

Certifications

- Currently pursuing ISB Chief Technology Officer Programme Dec, 2024 - June 2025
- Databricks Certified Generative AI Engineer Associate
- IIT Kharagpur AI4ICPS Certificate Programme - Hands-on approach to AI for real-world applications - Certificate of Merit
- Databricks Certified Data Engineer Professional
- Databricks Certified Data Engineer Associate
- Databricks Accredited Generative AI Fundamentals
- Certified Scrum Master
- hybris 5 Certified Core Developer
- hybris 5 Certified Commerce Developer
- Sun Certified Java Professional



Languages

- English
- Hindi
- Bengali