

# Principal Architect - Python

Development India

BlackSwan Technologies is seeking a passionate and highly experienced professional to work in our rapidly growing team in India. The ideal candidate thrives on being a Architect expert with Python background, and obtains an outstanding technical skills in AWS, Azure and GCP

## Our Cloud Architect Will Be Required To:

- Design, cost-effective, resilient, and secured cloud-based solutions
- Act as the cloud solution advocate, source of knowledge for best practices and best in breed tools and technologies for cloud services
- Collaborate with other professionals to determine functional and non-functional requirements for new software or applications.
- Working in remote environment but on standard hours along with other architects
- Work closely with the R&D, DevOps and QA to define CI/CD pipeline
- Be responsible to perform analysis of solution stability and availability as well as performance analysis to validate the design is keeping up with the requirements and quality standards
- Define all aspects of development from appropriate technology and workflow to coding standards
- Assist in the continuing development of coding standards and best practices
- Stay apprised of innovations in the industry and make recommendations on their applicability
- Successfully communicate all concepts and guidelines to the development team
- Oversee progress of the development team to ensure consistency with the initial design

## What A Great Candidate Looks Like:

- Bachelor's degree in Computer Science or relevant area
- Strong analytical skills and independence if required
- Fluent English
- 10+ years of professional experience of Software Engineer, 5+ years of an Architect
- Strong fundamental programming skills, preferably in Python
- Excellent written and verbal communication skills
- Knowledge of security fundamentals
- Knowledge of high availability, fault tolerance and scalability concepts
- Strong interpersonal skills
- Experience working in an Agile environment
- Proven experience in designing cloud solutions for AWS, Azure and GCP
- Experience with large cloud deployment using cloud native services
- Experience with continuous integration and automated deployment systems
- Experience in leading full design of business processes and features
- Experience in building highly available, scalable and resilient system
- Excellent knowledge of architecture and application design
- Experience in a microservices architecture
- In-depth knowledge and experience in container orchestration platforms (K8s) and Service Mesh frameworks
- A technical mindset with great attention to details

## Who We Are:

BlackSwan Technologies is reinventing enterprise software through Agile Intelligence for the Enterprise – a fusion of data, artificial intelligence, and cloud technologies that provides unparalleled business value. Our multi-tiered enterprise offerings include the award-winning platform-as-a-service, ELEMENT, which enables organizations to build enterprise AI applications at scale for any domain quickly and at a fraction of the cost of alternatives. BlackSwan and its global partners also provide industry-proven applications that are ready-made and fully customisable for rapid ROI. These offerings are generating billions of dollars in economic value through digital transformation at renowned global brands. The private company maintains gravity centers in the UK, Europe, Israel, the US, and Sri Lanka.  
[www.blackswantechnologies.ai](http://www.blackswantechnologies.ai)

#### Equal Opportunities:

At BlackSwan Technologies, we prioritize diversity. We celebrate difference and embed it into every aspect of our workplace, from our community to our product. BlackSwan Technologies is proud and committed to providing equal opportunity employment to all individuals regardless of race, color, religion, sex, sexual orientation, citizenship, national origin, disability, Veteran status, or any other characteristic protected by law. In addition, BlackSwan Technologies will accommodate individuals with disabilities or a special need.

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