

**Job Title:** Senior Software Developer, Centre for Data Science and Analytics (CDSA), School of Advanced Computing (SAC)

**Reports to:** Project Director, Centre for Data Science and Analytics (CDSA)

**Location:** Ashoka University Campus, Sonipat, Haryana

**Experience (in years)**: 4+

**Nature of work:** Technical role focused on developing and managing cloud infrastructure and data systems to support multi-modal data management and automation for social impact initiatives.

**About Ashoka University:**

Ashoka University -India’s premier interdisciplinary teaching and research university. An institution that has become a beacon of academic excellence in less than 10 years since its inception. At Ashoka, we encourage you to embrace the new, push the boundaries for continuous learning, and adapt to a world of constant change Because we believe that each Ashokan is capable of becoming a thought leader.

As part of our thriving and committed workforce, you will:

**Be Mission-Driven**: Champion interdisciplinary learning, innovative pedagogy, and academic rigor to transform Indian higher education.

**Think Strategically:** Collaborate with visionary minds to shape the future of higher education through strategic planning and a forward-thinking approach.

**Act Authentically:** Embrace authenticity and integrity, fostering an inclusive and supportive environment where every voice is valued.

**Take Accountability:** Own your work and drive positive change, as an empowering individual seeking to make a meaningful contribution.

**Build Collaboration:** Experience the power of teamwork and diverse perspectives, working collectively towards our shared goals.

**Deliver Excellence:** Strive for excellence in all aspects, upholding the highest standards of academic excellence, student support, and professional development opportunities.

At Ashoka University, we are on a mission to redefine higher education and create a remarkable space where innovation and collaboration thrive. As a **pioneering force in interdisciplinary learning**, we **continually grow and adapt** to stay at the forefront of educational excellence with emphasis on inclusivity and equal opportunity. Our philosophy revolves around **care, well-being, and connection**, which are deeply embedded in everything we do.

When you join our community, you become part of an extraordinary journey in which you can unleash your potential and make a meaningful impact. Where education empowers, where innovation thrives, and where excellence and humility coexist. We truly believe the world will enrich itself when there is progress with purpose.

**About (Centre for Data Science and Analytics (CDSA)):** The CDSA was setup in 2023 to build a first-of-its-kind academic [*Datalake*](https://cdsa.ashoka.edu.in/hello/datalake/) for interdisciplinary data-driven research and to aggregate curated open datasets about India in multiple areas of high social impact including, but not limited to, Economic, Political and Social data (with cross-integration), Climate & Environment data, Agriculture & Forestry data, and Public Health & Nutrition data. CDSA also provides support to capacity building in Data Science for Social Impact. Reach out to us for more details cdsa@ashoka.edu.in

**Role and Responsibilities:**

* Setup and management of a cloud-based data management and visualisation system, *Ashoka Datalake*, for multi-modal data
* Setup and management of cloud infrastructure to support the activities of [*Ashoka's Datalake*](https://cdsa.ashoka.edu.in/hello/datalake/)
* Interface with other departments & centres at Ashoka and / or external agencies to understand and support their data management needs
* Interface with Data Executives to support automation needs in curation and ingestion

**Qualifications:**

* A 4-year bachelor's degree in CS / EE or a related field or higher qualification (Masters or more)
* At least 4 years’ experience as a software developer

**Skills Required:**

* Proficiency in working with cloud infrastructure (e.g., AWS, GCP, Azure)
* Experience in full-stack web application development, including frontend and backend technologies
* Strong understanding of website security best practices
* Programming experience with Python and JavaScript
* Ability to communicate technical concepts effectively to non-technical stakeholders

**Application Submission Process:**

We invite you to embark on this journey by submitting your application to Ashoka University's Centre for Data Science and Analytics (CDSA). To ensure your candidacy receives the attention it deserves, kindly follow the application submission process outlined below:

**Prepare an Updated CV:** Showcase your professional accomplishments, skills, and experiences in an updated curriculum vitae.

**Submit Your Application:** Email your CV to cdsa@ashoka.edu.in, ensuring the subject line reads as follows: "Designation – Department Name \_Applicant Name>". This will help us efficiently process your application.

**Include Essential Details:** Along with your CV, kindly provide the following information:

* Last compensation received: We value your expertise and acknowledge the importance of fair compensation.
* Expected salary: Share your aspirations for growth and remuneration.
* Notice period: Inform us of the time required to transition from your current role, if applicable.

**Pursuit for Excellence:** At Ashoka University, we strive for excellence in all aspects of our operations. Therefore, only shortlisted candidates will be contacted as part of our rigorous selection process.

**Adherence to Deadlines:** To ensure fairness and efficiency, please submit your application by (Date, Day – if applicable). Applications received after the deadline will not be considered.

We look forward to receiving your application as we embark together on a remarkable journey of professional growth and development. Join our exceptional community at Ashoka University, where excellence is nurtured, and aspirations are transformed into reality.