



**Job Title: Project Research Scientist 1 (Non-medical) - Full-stack Software Engineer**

**Reports to: Dr Rintu Kutum**

Group lead, Augmented Health Systems Laboratory; Faculty Fellow, Department of Computer Science; Koita Centre for Digital Health at Ashoka (KCDH-A); Mphasis Lab for AI & Applied Tech Lab at Ashoka; Trivedi School of Biosciences, Ashoka University

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

**Experience (in years): 0-2**

**Nature of work: Full-time (on-site)**

**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 Computer Science Department:**

The Department of Computer Science at Ashoka University fosters a research-driven approach to both foundational and applied areas of computing. Its unique positioning within a liberal arts environment provides a distinctive opportunity to advance core computer science research while also exploring interdisciplinary applications across the natural and social sciences. Our department values the cross-pollination of ideas from diverse fields, not only to solve existing problems but to ask novel research questions that deepen and expand the scope of computer science.

**Role and Responsibilities:**

**Project title: Augmented intelligent clinical support systems to aid decision-making for pregnancy outcomes after IVF or ICSI**

**Salary (consolidated): Rs. 61,600/- (consolidated) per month**

**Working hours:** 8 hours per day  
Mon-Fri: 9 am - 5 pm

**Qualifications:**

1. First-class Post Graduate Degree, including the integrated PG degrees **OR** Second-class Post Graduate Degree, including the integrated PG degrees with PhD **OR** For Engineering/ IT/ CS-First Class Graduate Degree of Four years
2. Work experience will be given precedence
3. GATE-qualified candidates with a higher score will be preferred

### Skills Required:

1. **Prior experience** in designing, developing, and maintaining applications using **full-stack frameworks** [desirable]
2. **Working knowledge of Relational, non-relational, and Graph Databases** [desirable]
3. Knowledge of RESTful APIs, web services, microservices, JSON, XML [desirable]
4. **Familiarity with Computational Reproducible Technologies** - version controls (git), environments (conda), Docker for containerization, deployment, and connecting with APIs [desirable]
5. **Prior experience in deploying applications to Cloud Infrastructure** - AWS/Azure (desirable)
6. **Experience in cross-platform application** (Web, desktop, mobile, tablet) development (desirable)
7. **A candidate with experience in developing and deploying applications using Rust is desirable.**
8. **A good track record of scientific research articles** (not review articles) in the past 2 years would be desirable.

### Application Submission Process:

We invite you to embark on this journey by submitting your application to [rintu.kutum@ashoka.edu.in](mailto:rintu.kutum@ashoka.edu.in) with the email subject as **<AHLS/Fullstack-Developer/Application for Project Research Scientist 1>**. 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.

**Prepare a motivation letter:** Write a motivation letter (2 pages maximum, Font - Arial, Font size - 12, Line & Paragraph spacing - single (1.0), Regular A4 page format), reasoning about **why you are interested** in joining the research project, justify how you can **contribute with your current expertise & skillsets**, and how this project **aligns with your future career trajectory**.

**Submit Your Application:** Email your CV (example - [Fullstack\\_Developer\\_CV\\_YourName.pdf](#)) and motivation letter (example - [Fullstack\\_Developer\\_motivation\\_Letter\\_YourName.pdf](#)) to [rintu.kutum@ashoka.edu.in](mailto:rintu.kutum@ashoka.edu.in), ensuring the subject line reads as follows: “<AHLS/Fullstack-Developer/Application for Project Research Scientist 1>”. This will enable us to process your application efficiently.

**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 **31 Dec 2025**. 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.