

JOB DESCRIPTION: **BACKEND DEVELOPER**

Blockchain For Impact (BFI) is a catalytic funder committed to creating transformative change in India's health system. BFI supports multi sectoral collaborations to bridge gaps across research, innovation, and implementation to improve public health outcomes.

BFI has developed **Interconnect**, a digital platform that brings together researchers, clinicians, innovators, startups, incubators, investors, and ecosystem partners to enable collaboration, networking, and program management across the biomedical innovation ecosystem.

KEY RESPONSIBILITIES

1. Backend Development & Platform Maintenance

- Develop, maintain, and optimize backend services for the Interconnect platform.
- Build, manage, and maintain secure APIs for web and mobile applications.
- Ensure platform stability, scalability, and performance across multiple live programs.
- Identify, troubleshoot, and resolve production issues, bugs, and performance bottlenecks.
- Manage user authentication, authorization, and backend business logic.

2. Website Management

- Maintain and update the BFI's website and associated web pages.
- Coordinate website deployments and content updates.
- Ensure seamless integration between the website and the platform.
- Manage domains, hosting, and deployment environments.
- Monitor website performance, uptime, and security.

3. Feature Development & Integrations

- Develop new backend features based on product requirements.
- Integrate third party APIs and external services.
- Support implementation of new program workflows and platform modules.
- Collaborate closely with frontend developers and designers to deliver high quality user experiences.
- Participate in technical planning and architecture discussions.

4. Database & Infrastructure

- Design, manage, and optimize relational and/or NoSQL databases.
- Ensure data security, integrity, backup, and recovery.
- Monitor application logs, server performance, and cloud infrastructure.
- Support deployment pipelines and release management.

5. Quality Assurance & Support

- Resolve user reported issues within defined timelines.
- Participate in testing before production releases.
- Maintain technical documentation for backend systems and APIs.
- Support internal teams during product launches and feature rollouts.

6. Expected Outcomes

- Reliable and scalable backend infrastructure supporting all Interconnect programs.
- Timely resolution of platform issues and production bugs.
- Successful implementation of new platform features and integrations.
- Stable website performance and seamless user experience.
- Well documented backend architecture and development processes.
- Continuous improvement in platform performance, security, and scalability.

Qualifications & Skills

1. Education & Experience

- Bachelor's degree or Diploma in Computer Science, Information Technology, Software Engineering, or a related field (e.g., BCA, MCA, B.E./B.Tech, or Diploma).
- Minimum 3 years of professional experience in software development, with a strong focus on backend development.

2. Technical Skills

- Strong experience with Node.js, Python, Java, or similar backend technologies.
- Experience building and consuming REST APIs.
- Strong knowledge of SQL and/or NoSQL databases.
- Experience with AWS, Azure, Google Cloud, or similar cloud platforms.
- Experience managing websites, hosting environments, domains, and CMS platforms (such as Webflow or similar).
- Understanding of authentication, security, and performance optimization.
- Familiarity with modern backend development practices is an added advantage.

3. Preferred Skills

- Experience working with startup or SaaS products.
- Understanding of product development lifecycles and agile methodologies.
- Basic UI/UX or design skills are a plus, but not mandatory. Familiarity with tools such as Figma or Webflow will be an added advantage.

Core Skills

- Strong analytical and problem solving abilities.
- Ability to manage multiple priorities in a fast paced environment.
- Excellent communication and collaboration skills.
- Proactive, detail oriented, and execution focused.
- Ability to take ownership and independently drive technical solutions.

Location

Remote / Hybrid

How to apply:

To apply, please visit the [career page](#) on the BFI website.

For any queries, please email us at careers page careers@blockchainforimpact.in