

Applications are invited from the eligible candidates for engagement of a technical professional on contract basis for development of project website and mobile application for Ujjain-Beyond the Kumbh Mela under AMRUT 2.0 project

The AMRUT 2.0–funded project titled “Ujjain Beyond the Kumbh Mela: Designing an Immersive Cultural Experience”, includes within its approved scope the development of a dedicated project website and a mobile application as key deliverables for dissemination, public engagement and digital documentation.

The proposed engagement would cover:

- Design, development, testing, and deployment of the project website, and
- Development of a dynamic website and an app based mobile application, including backend integration, database management, and maintenance support for the project duration.

1. Position: Technical Professional – Website and Mobile Application (1 position)

2. Period of Contract: 90 days

3. Job Location: Bhopal

4. Technical Requirements:

The institute intends to develop a comprehensive digital solution comprising a **web application** and an **Android/iOS mobile application**. The technical person should possess the following skills and experience:

A. Web Application /Website Development

Frontend (Web) – React.js

- Strong knowledge of **React.js**, **JSX**, and component-based architecture.
- Experience with **React Hooks**, **Context API**, and **state-management libraries** (Redux/MobX).
- Ability to integrate REST APIs and handle asynchronous operations (Axios/Fetch).
- Familiarity with UI frameworks such as **Bootstrap**, **Material UI**, or **Tailwind CSS**.
- Understanding of responsive and cross-browser web design.

Backend – Node.js

- Proficiency in **Node.js** and **Express.js** framework for server-side development.
- Experience in building and managing **RESTful API services**.
- Knowledge of **authentication and authorization** (JWT/OAuth).
- Understanding of server-side logic, middleware, routing, and API security.
- Experience with file handling, validations, error handling, and performance tuning.

B. Mobile App Development – Flutter

- Hands-on experience in **Dart** and **Flutter framework**.
- Capability to build **Android mobile applications** using Flutter.
- Knowledge of **state-management** (Provider, Bloc, Riverpod, etc.).
- Ability to integrate **REST APIs**, Firebase services, push notifications, and local storage.
- Experience with publishing and maintaining apps on **Google Play Store /Apple Store**(preferred).

C. Database Skills

- Experience with **MongoDB**, **MySQL**, or **PostgreSQL**.
- Ability to design database schemas and write optimized queries.
- Knowledge of ORM/ODM tools such as **Mongoose** or **Sequelize**.

D. Additional Technical Expectations

- Strong understanding of **API integration**, JSON structures, and data handling.
- Experience with **GitHub/GitLab/Bitbucket** for source-code management.
- Ability to work with project management tools (Jira, Trello, etc.).
- Good understanding of debugging, testing, and documentation.

5. Remuneration Based on experience, the applicants may quote lumpsum time-based rates during the interview based on industry practice. SPA Bhopal will finalise the final fees payable on their discretion.

6. Application Process: Interested candidates are required to fill out the Google Form available at:

https://docs.google.com/forms/d/e/1FAIpQLSeb-KKz_FK0zHD1PAoh5sagrM94DD75Rbx01MI7x0qeKeLhMQ/viewform?usp=header

7. Last date of receiving application: 21st January 2026 by 11 a.m.

8. Date of Interview: It will be separately intimated to the shortlisted candidates.

9. Result: The list of selected candidates will be uploaded on the SPA Bhopal website. Selected candidates will be contacted on mail and will be required to join immediately and begin work on the project.

10. Termination of Contract: The Institute reserves the right to terminate the contractual engagement before the expiry date if violation of any terms of work is found.

Note:

- Institute reserves the right to shortlist the candidates on the basis of qualifications, work experience and relevant skill set.
- Institute reserves the right not to engage any candidate (on Contract basis) without assigning any reason thereof.
- Incomplete applications will be summarily rejected.
- No canvassing in any form shall be entertained.