



## JOB POSTING: SOFTWARE DEVELOPER

**Location:** Ashoka University, Sonapat, Haryana

**How to apply:** Upload a cover letter and CV via this link - <https://forms.gle/QUkDop1TZxYrX78d8>

**Application deadline:** applications will be evaluated on a rolling basis

**Background:** The Trivedi Centre for Political Data (TCPD) aims at promoting data-driven research, policy work and journalism on India's political life by producing and disseminating open access scientifically collected and treated political data. TCPD aims at improving the quality of existing public data by developing and providing access to web-based tools adapted to Indian data. We also work towards enhancing knowledge and understanding on political processes and dynamics by conducting research on the basis of the data collected, in partnership with individual scholars and academic institutions.

**About the position:** The Trivedi Centre for Political Data at Ashoka University seeks to hire a full-time software engineer/data scientist to help build a new infrastructure, data and technology for research on Indian political data.

At TCPD, you will have opportunities to deep dive into the following areas of work:

- Open source technologies, such as databases, data visualization, UI/UX design, RESTful API, containers and cloud services.
- Working on POC (Proof of Concept) product prototypes with other software engineers.
- Building the field of computational methods for social science research.

You will also collaborate with researchers, academics in political science and computer science in India and abroad, attend major technology and computational methods conferences to learn technologies in political science and computer science. You will also be encouraged to conduct and publish your own research.

**Basic qualification requirements:**

- Bachelor's degree in Computer Science, Data Science or related fields.
- Experience in two or more of the following languages: R, JavaScript, Python.
- Proficiency with Web application development.
- Proficiency with data engineering tasks.
- Knowledge of server side scripting.
- Proven ability at looking at solutions in unconventional ways. Sees opportunities to innovate and can lead the way.

- Good communication (verbal and written) and interpersonal skills to convey key insights from complex analysis and an ability to effectively communicate with technical teams.
- Ability to work with shifting deadlines in a fast-paced environment.

**Preferred qualification requirements:**

- Master's degree or above in Computer Science, Data Science or related fields.
- At least one year of experience in Web application development.
- Experience with SQL and RDBMS.
- Experience with frontend technologies like JavaScript, React or similar framework, CSS, HTML, Bootstrap.
- Experience with Java
- Experience with Amazon web services (Amazon EC2).
- Experience with containers, such as Docker.
- Experience with social media APIs, such as the Twitter API or Facebook Ads API.
- Proficiency with Linux and systems administration.
- Geospatial packages: Atc/QGIS

**Remuneration:** Commensurate with experience.

**Accommodation and commute:**

- Accommodation close to campus is available. The person is responsible for paying for their own accommodation.
- There is a daily reliable shuttle service connecting Ashoka to the nearby accommodation and also the Jahangirpuri metro station. This is a free service.