



METROPOLITAN AREA PLANNING COUNCIL (MAPC)
invites applications for the position of:
Full-Stack Web Developer

SALARY: \$65,000.00 - \$75,000.00 Annually

OPENING DATE: 08/22/17

CLOSING DATE: Continuous

DESCRIPTION:

The Metropolitan Area Planning Council (a public sector agency in Boston, MA) seeks a **Full Stack Web Developer** to join the Digital Services Group, housed within the Data Services Department, a team of 12 urban planners, analysts, economists, GIS professionals, researchers, programmers, and technologists dedicated to using data and technology to support informed decision-making. The Full Stack Web Developer will support the agency in web development of open-source, public sector web applications related to regional planning, municipal operations, and civic engagement.

MAPC's Data Services Department has a long history of using technology to drive informed decisions across the region. If selected for the position you will work in a collaborative, respectful environment using modern web technologies and frameworks, and leading user-centered design processes. As part of a small, interdisciplinary group, you will be involved in all aspects of the product delivery cycle.

As MAPC's Full Stack Developer, you will contribute to a growing portfolio of web applications that streamline municipal operations, make complex data visual and easy to interpret, and support informed decision-making at the policy and individual level across many topic areas (housing, transportation, clean energy, open data policy, economic development). Recent digital projects include an algorithm-based system to improve operations of Boston's Youth employment system, a data portal to understand proposed and current real estate development, and scraping rental advertisements to understand housing affordability across Boston's Metro Area. Our ongoing work can be viewed at <http://data.mapc.org> or at <https://github.com/mapc>

About MAPC

MAPC is the Regional Planning Agency (RPA) serving the people who live and work in metropolitan Boston. Our mission is to promote smart growth and regional collaboration. We are guided by *MetroFuture: Making a Greater Boston Region*, our regional policy plan for a more sustainable and equitable future, which was adopted in 2008. We work toward sound municipal management, sustainable land use, protection of natural resources, efficient and affordable transportation, a diverse housing stock, public safety, economic development, an informed public, and equity and opportunity among people of all backgrounds. MAPC's staff includes approximately 80 full-time employees located in downtown Boston in a transit-accessible and bike-friendly office. For more information about MAPC and *MetroFuture*, visit www.mapc.org/about-mapc and www.mapc.org/metrofuture.

EXAMPLES OF DUTIES:

- Build data-driven web applications with a multi-disciplinary team
- Collaborate with government staff and municipal planning professionals to invent, implement and deploy systems and improvements to existing technology
- Work with a product team to ensure digital services meet the needs of internal and external stakeholders and end users

TYPICAL QUALIFICATIONS:

- Proficiency in Ruby on Rails, Javascript, CSS, HTML
- Experience working with geospatial data and database structure (geoJSON, Shapefiles)
- Familiarity with geospatial software tools like Leaflet, Carto, Mapbox, QGIS, ArcMap
- Experience working with small teams on software projects
- Experience working in an agile development environment

Preferred

- Proficiency in Javascript Data Visualization libraries (d3.js)
- Proficiency with R or Python
- Proficiency in Ember.js or a related MVC
- Proficiency in GIS, Cartography or spatial analysis
- Experience contributing to collaborative open source projects
- Experience in test-driven development
- Graduate Degree in Urban and Regional Planning, Urban Studies, Geography, Computer Science, Interaction Design, Urban Information Systems, Human Computer Interaction, or a related field strongly preferred

SUPPLEMENTAL INFORMATION:**Compensation and Benefits**

This is a full time position (37.5 hours/week). The starting salary ranges from \$65,000 to \$75,000 annually depending on qualifications and experience. MAPC offers excellent Massachusetts state employee benefits. MAPC's workplace and our benefits are designed to provide a sustainable, healthy relationship with your work, including flexible time, remote working policy, and a family-friendly environment.

How to apply

Apply online at www.mapc.org/jobs. The position is open until filled, and applications are reviewed on a rolling basis. Interested candidates should submit a cover letter and resume. Those who are interviewed will be asked to submit three (3) references plus a writing sample or other relevant work product.

MAPC is an EOE/AA employer. MAPC takes pride in the diversity of its workforce and encourages all qualified persons to apply.

APPLICATIONS MAY BE FILED ONLINE AT:
<http://www.mapc.org>

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Position #DS-AUG17-FSWD
FULL-STACK WEB DEVELOPER
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