



<b>Office Title:</b> Full Stack Web Developer	<b>Civil Service Title:</b> Telecommunications Associate (Data)
<b>Level:</b>	<b>Salary Range:</b> \$75,000 - \$90,000
<b>Division / Work Unit:</b> ITD	<b>Number of Positions:</b> 1
<b>Job ID:</b> <u><a href="#">407777</a></u>	<b>Hours / Shift:</b> Monday – Friday (9am -5pm)
<b>Position Status:</b> Full-Time / Permanent	<b>Application Deadline:</b> Until Filled
<b>DISCLAIMER:</b> TEMPORARY POSITION FUNDED UNTIL JUNE 30, 2022	

**THE AGENCY**

The Department of City Planning (DCP) plans for the strategic growth and development of the City through ground-up planning with communities, the development of land use policies and zoning regulations applicable citywide and sharing its perspectives on growth and community needs with sister agencies in collaboration with the Office of Management and Budget (OMB).

DCP’s six strategic objectives include: (a) catalyze long-term neighborhood improvement through integrated planning and targeted accompanying public investments; (b) encourage housing production, affordability, and quality; (c) promote economic development and job growth; (d) enhance resiliency and sustainability of neighborhoods; (e) ensure integrity, timeliness and responsiveness in land use reviews; and, (f) supply objective data and expertise to a broad range of planning functions and stakeholders.

Central to its mission, DCP supports the City Planning Commission in its annual review of approximately 450 land use applications. The Department also works closely with OMB in developing the Ten-Year Capital Strategy, and helping administer the Neighborhood Development Fund, geared toward ensuring that growing neighborhoods undergoing rezoning have accompanying infrastructure investments.

The New York City Department of City Planning is a great place to work – cultivating intellectual inspiration, professional development and creativity. Visit our website at [www.nyc.gov/planning](http://www.nyc.gov/planning) to access the full listing of job opportunities and to learn more about our great agency.

## THE DIVISION

ITD is responsible for supporting the agencies technology footprint including technology infrastructure across five boroughs as well as workflow applications and databases for analytics and decision making. The division comprises of 50+ inter-disciplinary staff with specialties in desktop support, server engineering, database maintenance, data processing, data visualization and mapping amongst many others. The technology ecosystem in the agency has increasingly become hybrid especially with deployment options (cloud vs. on premise), multiple technology stacks (commercial vs. open source) and project management (waterfall vs. agile).

The agency seeks to improve on its strategic objective and implement technologies which promote better planning and decision making. NYC Planning Labs (Labs) was founded in the summer of 2017 to achieve better outcomes by embracing open technology, modern/agile development, and user centered design to build impactful products with City planners.

Labs is responsible for investigating and implementing forward thinking technology tools to help planner's productivity and efficiency. The group maintains active communication with planning entities and civic communities around the nation to promote NYC's planning tools and discover other tools that can be useful for City Planning.

In developing tools for better planning and decision making, Labs provides technology service delivery, focused on agile development processes, rapid prototyping and human-centered design.

## THE ROLE

The NYC Planning Labs team is seeking a motivated, team-oriented, **full-stack web developer** to work on new projects and sustain our existing portfolio. Working on a digital product team, the developer will participate in all aspects of web application development, including development of custom APIs, security & communications workflows, continuous integration, database development, frontend UI development, and client-side and server-side web mapping.

Our development team is enthusiastic about using Free and Open Source Software (FOSS) in public sector software development, and using modern practices such as agile workflows, developing in the open, rapid prototyping, and human-centered design.

To learn more about the team, visit: <https://planninglabs.nyc/>

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## MINIMUM REQUIREMENTS:

1. A baccalaureate degree from an accredited college including or supplemented by 24 semester credits in data telecommunications/ networking or in a pertinent scientific, technical, electronic or related area and one year of satisfactory full-time experience in the performance of analytical, planning, operational, technical, and/or administrative duties in a data telecommunications or closely-related electronics planning, electronics management, and/or electronics service environment; or
2. An associate degree from an accredited college including or supplemented by 12 semester credits in data telecommunications/ networking or in a pertinent scientific, technical, electronic or related area and two years of experience as described in "1" above; or
3. A four-year high school diploma or its educational equivalent and three years of experience as described in "1" above; or

4. A satisfactory combination of education and/or experience equivalent to "1", "2" or "3" above. A college education may be substituted for experience on the basis of six months of experience as described in "1" above for each 30 semester credits of undergraduate college education including or supplemented by 6 semester credits in data telecommunications/networking or in a pertinent scientific, technical, electronic or related area for a maximum of two years. However, all candidates must have at least a four-year high school diploma or its educational equivalent and at least one year of the experience as described in "1" above.

#### Special Note - Additional Requirements for Assignment Level IV

To be eligible for placement in Assignment Level IV individuals must have, after meeting the minimum requirements, at least two additional years of full-time experience as follows: 1) As a Telecommunications Associate (Data)-Assignment Levels I, II, and III working for the City of New York; or 2) Performing analytical, planning, operational, technical, and/or administrative duties in a data telecommunication, electronics planning, electronics management, and/or electronics service environment, one year of which must have been specialized work in a consultative or supervisory capacity.

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#### **PREFERRED SKILLS:**

- Frontend Development using modern JavaScript frameworks such as react, ember, or vue
- Ability to ship clean, concise, production-ready code on a daily basis
- Familiarity with test-driven development
- Linux server administration
- PaaS automated deployment using heroku, dokku, or other variants
- Expertise in team-driven version control workflow using git, pull requests, rebasing, etc
- Familiarity with using issue management for team work prioritization (bug reports, feature requests, etc)
- Ability to manage DNS records
- Expertise with node.js and all aspects of the JavaScript ecosystem, npm module publishing, ES6, and code transpilation and bundling
- Experience with both relational databases and NoSQL databases
- A focus on spatial data and modern web mapping technologies, including PostGIS, leaflet.js, mapboxGL, vector and raster tiles, geojson, and all manner of spatial data manipulation
- Ability to write concise documentation, and to evangelize lessons learned both within the agency
- and the FOSS community at large
- Above all else, an open mind and a passion for experimentation and learning new technologies

**TO APPLY:** All applications must be submitted through the NYC Careers / ESS Website

#### **City Employees**

1. Log in to ESS.
2. Search for job ID number: **407777**
3. Click on the job business title: **Full Stack Web Developer**
4. Click on "Apply Now" at the bottom of the posting

**Non-City Employees** – Please visit: <https://www1.nyc.gov/jobs/> and follow the steps below:

1. Search for job ID number: **407777**
2. Click on the job business title: **Full Stack Web Developer**
3. Click on “Apply Now” at the bottom of the posting

Only applicants under consideration will be contacted. Appointments are subject to Office of Management and Budget (OMB) approval.

***PLEASE NOTE: New York City residency is generally required within 90 days of appointment. However, City Employees in certain titles who have worked for the City for 2 continuous years may also be eligible to reside in Nassau, Suffolk, Putnam, Westchester, Rockland, or Orange County. To determine if the residency requirement applies to you, please discuss with a Human Capital representative.***

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