

<b>Job Title</b>	Front End Engineer
<b>PVN ID</b>	PS-2412-006628
<b>Category</b>	Managerial and Professional
<b>Location</b>	CUNY SCHOOL OF PROFESSIONAL STUDIES
<b>Department</b>	Innovative Learning Solutions (ILS)
<b>Status</b>	Full Time
<b>Annual Salary</b>	\$105,000.00 - \$105,000.00
<b>Hour(s) a Week</b>	35
<b>Closing Date</b>	Dec 23, 2024 (Or Until Filled)

## General Description

As New York's leader in online education since 2006, the CUNY School of Professional Studies (CUNY SPS) offers the most [online](#) bachelor's and master's degree options at the City University of New York, and serves as the University's only undergraduate all-transfer college. With 24 [degrees](#) and numerous other non-degree and grant-funded workplace learning programs, CUNY SPS meets the needs of adults who wish to finish a bachelor's degree, progress from an associate's degree, earn a master's degree or certificate in a specialized field, and advance in the workplace or change careers.

Consistently ranked highly by [U.S. News & World Report](#) for its quality online offerings, and noted for its soaring growth and enrollment, CUNY SPS has emerged as a nationwide leader in online education. The School's renowned and affordable online programs—which offer in-state tuition to all students regardless of where they live—ensure that busy working adults may fulfill their educational goals on their own time and schedule.

Within and created at the same time as CUNY SPS, the Office of Innovative Learning Solutions (ILS) designs custom workplace learning programs to help organizations achieve their goals. We are experts in research-based learning practices, online as well as in-classroom curriculum development and implementation. We are uniquely positioned to respond to organizational learning needs and support change management initiatives swiftly and effectively.

### Description:

CUNY SPS seeks Front End Engineer who will work on a Benefits Access Project, sponsored by the Mayor's Office for Economic Opportunity (NYC Opportunity). NYC Opportunity leads the City's benefit access work through its coordination of the NYC Benefits Committee, managing key products including ACCESS NYC, the NYC Benefits Platform, and piloting new tools such as My File NYC. Its products connect over 3 million New Yorkers to vital programs and services annually and progress how the City can use technology to more quickly and efficiently provision services and improve resident experience.

The Front End Engineer will work closely with NYC Opportunity's Product Team, which centers the needs of

New Yorkers, and works alongside city agencies and partners to use technology to improve service delivery. This work includes:

- Products to improve the lives of low-income New Yorkers by connecting them to clear actionable information on benefits, programs, services, and employment that can help them attain economic opportunity.
- Make the City's equity, poverty and workforce data more transparent and actionable so that policy makers can use it to make informed decisions, researchers have creditable data, and the public can better understand it.
- Design and pilot new tools to improve social service delivery to accelerate the research, design, build, implementation, and evaluation of digital tools and services for New Yorkers.
- Support open source and scalable technologies so the City and other civic technologists can build upon what works and accelerate their ability to serve New Yorkers.
- Inspire and shape how the City of New York uses modern, agile and user-centric approaches to build technology products.

## Other Duties

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The Front End Engineer will:

- Build the frontends of applications using modern libraries and integrate them with different types of backends, including serverless backends.
- Build reusable components that can be used across applications.
- Design and implement test cases for all new front end components.
- Work closely with designers and product managers to interpret and implement user stories and designs to build modern and responsive UI.
- Create and maintain technical documentation, diagrams, and other assets for engineers to pick up and continue to iterate on the code.
- Ensure the application is in compliance with NYC's security and accessibility standards.
- Maintain and publish [open-source](#) code, collaborate with other engineers, and broadly support advising on technical roadmap and additional use cases.

## Qualifications

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- Bachelor's Degree required.
- Strong proficiency in js, JavaScript/TypeScript, HTML5, and CSS3
- Working knowledge of the front-end build tools, including Yarn and NPM
- Knowledge of modern authorization mechanisms, such as JSON Web Tokens and Single Sign On (SSO)
- Understanding of backend architecture, server-side logic, RESTful APIs, and databases
- Experience working with mainstream cloud platforms, specifically Amazon Web Services and Azure DevOps
- Comfort or understanding of agile development methodologies
- Experience building applications that consume REST APIs
- Experience integrating external services such as NYCID, Carto or Twilio

- Knowledge of secure front-end development practices and ability to interpret and implement data protection and security protocols
- Ability to work both independently and collaboratively in a team environment
- Strong communication and interpersonal skills

*The Research Foundation of the City of New York & Diversity:*

Diversity is a core value at the Office of Innovative Learning Solutions (ILS) at the CUNY School of Professional Studies (CUNY SPS). We are passionate about building and sustaining an inclusive and equitable working and learning environment for all students, staff, and faculty and believe every member on our team enriches our diversity by exposing us to a broad range of ways to understand and engage with the world, identify challenges, and to discover, design and deliver solutions.