

# BALAGIE HYDARA

Software Engineer | React, Node.js, Python

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## SUMMARY

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Aspiring Software Engineer with experience in web development and IT support. Skilled in React, Node.js, Python, JavaScript, and SQL, with a strong passion for building modern software applications.

## EXPERIENCE

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### NYC Human Resources Administration – Software Engineering Intern – New York, NY

*Mar 2023 – Mar 2024*

- Built and deployed a full-stack web application using React, Node.js, and MongoDB.
- Designed RESTful APIs to handle user authentication and data storage.
- Implemented CRUD operations and improved performance by optimizing database queries.
- Used Git for version control and collaborated using GitHub.
- Deployed application on AWS.

### NYC Department of Social Services – IT Specialist Intern – New York, NY

*May 2024 – Feb 2026*

- Assisted the Help Desk Team to deliver technology support.
- Assisted users with software and hardware troubleshooting.
- Assisted with the deployment of new equipment.
- Managed ticketing systems and maintained detailed logs.
- Installed, configured, and maintained IT systems.
- Conducted system updates and ensured network security.
- Troubleshoot and resolved technical issues related to computers, printers, and other office equipment.

## Skills

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- **Languages:** HTML, Python, JavaScript, C++, MATLAB, SQL
- **Frameworks:** React, Angular, Vue, Node.js, Express
- **Databases:** MongoDB, MySQL
- **Tools:** Git, GitHub, Linux, Quartus
- **FPGA & Digital Design:** VHDL, Verilog, Counters, Decoders, Multiplexers, Control Subsystems
- **Networking:** VLANs, Inter-VLAN Routing, NAT, DHCP, ACLs (Cisco Routers/Switches)

## EDUCATION

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### Bachelor of Technology in Computer Engineering

New York City College of Technology — CUNY | *June 2026*