

# Henok Tilahun

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## Software Engineer or Full Stack Engineer

**Full-stack software engineer** proficient in JavaScript, Node, and React with 7+ years of IT experience. In addition to a strong infrastructure and system administration foundation, adept at problem-solving, learning new technologies, and sharing knowledge through content creation.

### Technical Skills

JavaScript | HTML5 | CSS3 | React | Node.js | Express.js | Linux | Git | Ansible | Bash | Jira | GitLab | Bitbucket | Confluence | Puppet | Windows Server | VMware

### Technical Projects

#### Rate Anime Themes | [Github](#) | [Live](#)

Developed a React frontend app that allows users to search for, listen to, watch, and rate anime themes.

- Built a **React frontend** with dynamic UI components and smooth animations.
- Integrated third-party **APIs** for fetching anime theme data and video embeds.
- Deployed on **Netlify** and hosted on **GitHub**

#### WTWR | [Github](#) | [Live](#)

Developed a **full-stack** weather and location-based clothing recommendation app using React, JavaScript, and Node.js

- Developed a **Node.js and Express.js backend** with a MongoDB database for storing users and clothing items.
- Implemented responsive UI using React and Media queries.
- Deployed on a **Google Cloud** server with **Auth**.

#### Around The US | [Github](#) | [Live](#)

Implemented a visually appealing and user-friendly interface to showcase travel destinations.

- Utilized JavaScript, HTML, CSS to create a responsive website, ensuring seamless user experience across devices.
- Used JavaScript components for better code reusability and maintainability.

### Professional Experience

#### Raytheon BBN Technologies

Cambridge, MA

*Senior Analyst, Infrastructure & Workplace Services*

*Dec 2022 - Present*

- Maintain an **HPC cluster (SLURM)** with **100% uptime, 30+ diverse projects, and 100+ researchers**.
- Migrated **500+ Gitlab projects** to **Jira, Bitbucket, and Confluence**, streamlining development workflows.
- Administer **Jira, Confluence & Bitbucket** for 500+ users ensuring seamless collaboration and 100% uptime.

*Information Systems Technologist I*

*Dec 2020 - Dec 2022*

- Administered HPC cluster (**SGE**) with **600+ Linux servers, 500+TB NAS storage, 50+ users**.
- Migrated **300+ on-prem Linux servers** (LDAP to AD, SL6 to CentOS7), enhancing security and performance.
- Led co-op students in **decommissioning 150+ servers**, ensuring proper data security and asset disposal.
- Provide Atlassian products (**Jira, Confluence, Bitbucket**) through proactive administration and timely support
- Managed NetBackup solutions, safeguarding 20+ years of critical data and ensuring business continuity.

*IT Specialists I*

*Jan 2018 - Dec 2022*

- Developed a customized New Hire onboarding process on Jira using **Jira custom workflows and Groovy scripting**, resulting in one centralized onboarding process across multiple business units.
- Performed disaster recovery of master **NetBackup** server ensuring the availability of **20+ years of data**.
- Provided desktop support for ~100 employee accounts and workstations.
- Migrated ~100 Windows user and computer domain accounts as part of a company wide centralization effort.
- Assisted with administering a **high-performance computing cluster (SGE)**, helping optimize resource allocation

*IT Intern*

*Mar 2015 - Jan 2018*

- Administered user and group accounts via Active Directory, imaged workstations, managed asset inventory, and resolved technical issues.

### Education

**Software Engineering Certificate**, TripleTen

2025

**BA in Information Technology**, SNHU, New Hampshire

2020