

# ELIZABETH A. CRAY

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## PROFILE

Detail-oriented full-stack developer with a strong focus on reliability and future expandability. Skilled in combining automation with conventional understandings of software development. Proficient in a variety of programming languages and frameworks, with a strong emphasis on JavaScript and the web.

## SKILLS

- **Languages:** JavaScript, TypeScript, Python, C, C++, Java, Ruby, Swift, Rust, Shell/BASH
- **Frameworks:** React, Node.js, Express, Angular, SwiftUI, Node Red, Electron, Tauri
- **Tools:** Git, Docker, SQL, MongoDB, Jenkins, REST, Postman, Visual Studio Code, Atlassian Suite, JetBrains Suite
- **Cloud:** AWS (Lambda, S3, EC2, Route53), GCP (Misc. APIs, OAuth2), Oracle (Cloud Compute), Digital Ocean
- **Soft Skills:** Collaboration, Problem Solving, Adaptability, Time Management

## EXPERIENCE

### Software Engineering Specialist

*Accenture Federal Services*

Washington, DC

12/2021 – 04/2025

- Worked on a variety of government contracts involving all aspects of full-stack development
- Developed both React and Angular applications, with a focus on accessibility and maintainability

### President

*HacDC*

Washington, DC

03/2024 – Present

- Lead a team of volunteers to maintain a community hackerspace
- Organized events and workshops to promote experimenting and collaboration
- Managed the space's operations, infrastructure, and public presence ensuring sustainability and growth

### Software Engineer

*ShipRite Software Inc.*

Utica, NY

02/2019 – 12/2021

- Built a custom backend and API with PHP and MySQL, with a focus on security and reliability
- Additionally worked on legacy Visual Basic .NET code and its replacement counterpart in C# .NET

### Junior Sysadmin

*SUNY Polytechnic Institute*

Utica, NY

08/2017 – 05/2018

- Managed OS images for lab systems over PXE boot
- Worked with a team to maintain critical department infrastructure with FreeBSD, Debian, and other Linux distributions

## PROJECTS

### DecOntamination | NodeJS, Deconz API, Zigbee, InfluxDB, Axios

December 2024

- Connects Zigbee network data and events to a remote influx instance.

### Deliveries | NodeJS, AWS Lambda, AWS WorkMail, AWS SecretsManager

November 2024

- Tool for triggering in-home package delivery notifications.
- Uses AWS WorkMail to trigger a Lambda function to send a notification to an internal media device over SSH tunnels.

### Meatgrinder | Python, PyTorch, OpenAI Whisper, FFMPEG

November 2024

- Meeting summarization tool utilizing locally-run machine learning models.
- Extracts audio from a recording, transcribes it, and summarizes the transcription.

### Tilde Oauth | Shell/BASH, Linux, JavaScript, PHP, CSS, Gemini

October 2023

- OAuth2 authentication tool for a community linux box.
- Grants access based on a user's membership on a given Mastodon instance.

## EDUCATION

### SUNY Polytechnic Institute

*BS Computer Science*

Utica, NY

08/2016 – 12/2019

*References available upon request.*