

Ian R. Hefflefinger

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WORK EXPERIENCE

BAE Systems, Inc.

Feb. 2025 – March 2026

Software Engineer II (Fullstack)

Hill AFB, UT (hybrid)

- Designed/modified/implemented React code from front-end web applications.
- Wrote Node.js and Python API's with corresponding unit tests.
- Wrote stored SQL queries to be used dynamically within applications.

Overseas Military Sales Corporation

Oct. 2022 – Feb. 2025

Software Engineer (Fullstack)

Woodbury, NY (remote)

- Designed/coded a web scraper to fetch, parse, and process .csv files from vendors.
- Modified the Angular websites to handle .webp images, based on a hierarchy of available image types and automated the conversion of our stored images in S3.
- Wrote Java Wildly API's to manage data aggregation, email/SMS survey sending, and data processing.
- Wrote AWS Lambdas in Python/Node.js to handle cron jobs, react to business events, replace existing APIs, and handle monitoring/alerting.
- Unit-testing in JUnit (java), Mocha (Node.js), Unittest (Python), Postman.

Stride Inc.

Jun. 2022 – Aug. 2022

Software Engineer (Platform) Intern

Herndon, VA (remote)

- Researched, designed, developed, and tested a data-reconciliation module in Java.
- Wrote YAML Serverless scripts to automate code deployment to AWS.
- Wrote Liquiscripts to ensure Postgres database stability.

Manic Kat Records

May. 2021 – Jan. 2022

Software Developer (Web and Mobile) Intern

Pomona, NY (remote)

- Designed, built, and tested web-based admin site.
- Corrected, modified, and added new features to existing mobile app.
- Established SDLC and development best practices for coding team.

Goldman Sachs

Sep. 2018 – Feb. 2020

Support Engineer (Systems Admin/Tech Support)

Salt Lake City, UT

- Wrote scripts to automate repetitive tasks.
- Unix and Windows system administration.

EDUCATION

Southern New Hampshire University

May, 2022

BS, Computer Science. Focus in Software Engineering (3.82 GPA)

Manchester, NH

PROJECTS

* See ianhefflefinger.com for a detailed list of my projects.

SKILLS & INTERESTS

- **Skills:** AWS (Lambda, EC2, S3, DynamoDB, CloudWatch, Secrets Manager, SNS, SQS), Azure (Cosmos DB, Function App, Artifacts), API development/consumption, web development (JavaScript, CSS, HTML, *Frameworks), unit/integration testing, SQL (Postgres, MySQL, *Mongo/Dynamo DB), shell scripting (Bash, Batch, PowerShell, Python), project management (Atlassian, Azure DevOps), Java, git, OS (Windows, macOS, Linux), and rock-solid soft skills.