

Jesse C Peterson

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www.j-peterson.net

Summary

A Motivated Full-Stack Developer with a strong foundation in **JavaScript, TypeScript, and Java**. Specializing in **cloud computing, DevOps, and Security**. Experienced in **building scalable applications, deploying cloud infrastructure (AWS), and API development**. Passionate about **Site Reliability Engineering (SRE) and Full-Stack Development**, with a focus on optimizing system performance and security.

Skills

Programming Languages: JavaScript, TypeScript, Java, C++, Python

Frontend: Angular, HTML, CSS

Backend: Node.js, Express.js, MongoDB, REST APIs

Cloud & DevOps: AWS S3, API Gateway, Lambda, IAM, Route53, CloudFront) Docker

Security & Authentication: AWS IAM, STS

Operating Systems: Linux, Windows, Mac

Tools & Version Control: Git, GitHub, Visual Studio Code, Docker, Postman

Projects

Portfolio **Single-Page-Application**(www.j-peterson.net)

- **Tech Stack:** Angular, AWS S3, API Gateway, IAM, MongoDB
- Built a single-page portfolio hosted on **AWS S3** with **API Gateway**
- Integrates **IAM Signature Authentication** for secure API access
- Integrated **serverless architecture** via AWS API Gateway and Lambda

Inventory Management Android Application(github.com)

- **Tech Stack:** Java, XML, SQLite
- Built an **Android** application for tracking inventory
- Used **SQLite** to track inventory, user preferences, and account credentials
- Built a user-friendly interface following Android's principles in design

Trucking Database Project (github.com)

- **Tech Stack:** JavaScript, Node.js, MySQL

- Built a CLI application for insertion, deletion, and reading from a **MySQL** database
- Used an API to enhance data inserted into the database
- Utilized NPM packages, Commander and inquirer for a proper user experience
- Utilized regex and other methods for preventing SQL injection.

Work Experience

Garage Force – Concrete Coating Installer (July 2024 – Present)

- Adapted to **fast-paced** environments requiring precision **teamwork**.
- **Troubleshoot** technical challenges on-site, ensuring smooth operations

Other Work Experience:

Starbucks – Barista (Sep 2023 – June 2024)

- Enhanced **teamwork** and customer engagement

Costco – Food Service & Stocking Member (Aug 2022 – Aug 2023)

- Managed high-volume tasks efficiently.

Education

Southern New Hampshire University (August 2023 – December 2024)

Bachelors of Science in Computer Science (GPA: **3.955** - Summa Cum Laude)

Lake Washington Technical Academy (September 2021 – March 2023)

Associates of Science in Computer Science (GPA: **3.8**)