# Jackie Sweet

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## Summary Statement

I am a software engineer with 15 years of experience, who loves to architect solutions, build relationships, grow standards, improve quality, coach, mentor, lead, and learn. I am most interested in data privacy, confidential computing, system architecture, and am actively pursuing growth in public speaking.

## Technical Skills

**Expert (★★★★★)**: Java, Javascript, Node.js, React, Git, Cloud Architecture (AWS - S3, Cloudfront, ECS, EC2, Athena, Quicksight, Lambda, DynamoDB, RDS, Nitro Enclaves), Technical Writing, Object Oriented Design, Digital Asset Management, Enterprise Content Management, API Design, Sequelize, SSO/SCIM, SAML, Test Driven Development, Serverless

**Advanced (★★★★☆)**: Chrome Extension Development, SQL, Content Management Systems, Cloud Security, Confidential Computing, Descope, Okta, Typescript, Terraform, Typescript, Snowflake, Docker, Web Scraping, Microservices

**Familiar (★★★☆☆)**: Perl, Python, Pulumi, Openshift, Streaming, Kubernetes, RPAs

## Work Experience

**Senior Software Engineer - Team Lead**

CoApp

*October 2022–Present*

*Stack: React, Node, MySQL, DynamoDB, AWS, Nitro Enclave, Chrome extensions, IndexedDB, Windows Desktop Application Development*

- I oversee all development, systems, cloud, security, and compliance.
- I introduced and matured software engineering processes including SCRUM, feature/release planning, and technical/functional specification development.
- I have implemented best practices such as Test-Driven Development (**TDD**), Infrastructure as Code (**IAC**), and Continuous Integration/Continuous Deployment (**CICD**).
- Regular contributions of feature development in **Node** (Express, Sequelize, Postgres, MySQL), React (**Typescript**, Material UI, Styled), Chromium Web Extensions, **Serverless** Applications (Lambda, SQS, EventBridge, DynamoDB, S3, RDS, Aurora, Quicksight).
- Design and implementation of all devops - CICD (GH Actions), Tests, IAC (Terraform).
- **Algorithm design** for a rule computation engine capable of translating user-built "rules" and data retrieval via API and web scraping tactics, following core mathematical principles in formula execution.
- **Speaker** representing CoApp at the **Confidential Computing Summit 2023** in San Francisco, showcasing our unique and futuristic use-case.

**Chief Technology Officer**

LittleNewt

*October 2021–August 2022*

*Stack: React, Spring Boot, Python, Serverless, MySQL*

- Founding engineer and CTO where I successfully built the initial platform meant to disrupt the US tax industry, aiming to help CPAs and other tax professionals do their jobs more easily and effectively.

**Senior Software Engineer**

Nuxeo, Professional Services

*June 2017 - June 2021*

**Stack**: *Java (OSGI), Nuxeo, Polymer, React, Angular, AWS (RDS, SQS, SNS, EC2, ECS, Lambda)*

- Senior full-stack, customer-facing software engineer involved in a wide range of projects including: Nuxeo implementations, security analysis, performance analysis, UI customization, custom bulk-ingestion application, training / enablement, advisory, POCs, pre-sales engineering efforts, developer advocacy, and platform development
- Organized company-wide hackathon
- Regularly contributed technical content on the Nuxeo website and across social media platforms


**Software Engineer**

Propeller Media Works

*June 2016 - June 2017*

**Stack:** *Javascript, PHP, D3, MySQL*

- Full stack engineer, primarily working with our custom CMS and wordpress development. Daily work included site maintenance, data analysis, and working on major enhancements for customer sites.
- I successfully rebuilt our interactive trail map engine using d3.


**Software Engineer**

Nutraclick (Force Factor)

*November 2015 - June 2016*

**Stack**: *PHP, Javascript, Wordpress, Magento, MySQL, Oracle*

- *Full stack engineer who supported over 20 websites and systems in e-commerce and direct-to-consumer marketing.*


**Software Engineer**

Partners Healthcare

*January 2012 - November 2015*

**Stack**: *PHP, .NET, JS, MySQL, Oracle, JSF, Seam, EJB3, HTML, CSS*

- *Lead software engineer for the Partners Biobank with Partners Personalized Medicine.*


## Education

**Bachelor of Science  (B.S.) in Computer Science**

Boston University

*September 2011 - May 2014*

- Acceptance into a highly competitive, advanced, full-time computer science program while also working professionally full-time.
- Recipient of multiple scholarships for entry into this program.


## Volunteer

**Head of Engineering**

Farm to Crag

*April 2023 - Present*

**Stack**: *React, Node, MySQL, AWS, Google Maps API*

- Leading software engineering efforts for a non-profit focused on bringing sustainable agriculture and rock climbers together