

Gail Parayno

Software Engineer

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GitHub: <https://github.com/gailrayla> | Portfolio: <https://gailparayno.com>

Education

Ulsan National Institute of Science and Technology

Ulsan, South Korea

Bachelor of Science in Computer Science and Engineering; Bachelor of Science in Design

2020 - 2025

- **Relevant Coursework:** Data Structures and Algorithms, Software Engineering, Intro to AI Programming I and II, Database Systems, Information Visualization, Fundamental Digital Design
- **Awards:** Cum Laude (2025), Academic Awardee (2020), Highest Lexile Award (2020)

Experience

Burt Intelligence

Gothenburg, Sweden (Remote)

Frontend Engineer

September 2025 - Present

- Shipped 85+ features and bug fixes across the full stack, from Angular frontends to a Ruby on Rails API and the analytics data layer, for an AdTech reporting platform used by enterprise media and broadcast clients.
- Fixed cross-cutting rendering regressions through an Angular v17 to v21 and PrimeNG upgrade of a large monorepo, restoring the platform font stack, eliminating overlay clipping across dropdowns and dialogs, and rebuilding responsive filter layouts with CSS container queries.
- Diagnosed a production server error that blocked enterprise clients from opening shared reports, tracing the failure from the Angular client through to the Rails API, and restored access for affected accounts the same day.

O.M Farm

Washington, USA (Remote)

Junior Software Engineer

January 2024 - December 2024

- Built 30+ React and TypeScript features and components for a full-stack product, turning Figma designs into responsive interfaces backed by PostgreSQL and Firebase.
- Built the OM Farm Portal (om.farm) in React and Next.js, separating read and write paths into independent article and agreement services backed by GraphQL and PostgreSQL on Google Cloud.
- Refactored a legacy codebase into NestJS services for Reply Intelligence (app.replyintelligence.com), shipping full-stack features across React, Firebase, PostgreSQL, and Google Cloud Functions.

Human-AI Interaction and Visualization Lab

Ulsan, South Korea

Software Research Intern

July 2024 - December 2024

- Analyzed and classified LLM code generation errors from SWE-Bench, sorting them into bugs, feature requests, removals, and security issues to inform how the models were evaluated.
- Coded and synthesized 50 developer survey responses on code comprehension, producing findings that were published in a conference paper.

New Design Studio

Ulsan, South Korea

Service Design Intern

September 2023 - December 2023

- Rebuilt a university department website in WordPress with responsive, accessible layouts, improving how students and faculty navigate its content.

Projects

By Rachel <https://byrachel.com.au>

February 2026

- Designed and built the site for an Australian marketing studio serving small businesses and startups, using Angular and TypeScript deployed on Vercel. Mobile responsive across breakpoints, with a full SEO metadata layer (Open Graph, Twitter cards, canonical tags) and keyboard skip-link navigation for accessibility.

Trusty Co <https://trustyco.au>

August 2025

- Built and shipped a responsive single-page site for an Australian cleaning service in Angular and TypeScript, deployed on Vercel. The EmailJS contact form is now the business's main inbound inquiry channel, connecting customers directly to the service and supporting its growth.

Technical Skills

Languages: TypeScript, JavaScript, HTML, CSS, Ruby, Python, C++, Java

Frameworks & Libraries: Angular, React, Next.js, NestJS, Express.js, Ruby on Rails, GraphQL, PrimeNG, Highcharts, Sass

Testing: RSpec, Jasmine, Karma, Jest, Cypress

Tools: Git, Docker, Figma, VS Code, Adobe Creative Suite

Web & Accessibility: Responsive Design, Cross-Browser Compatibility, WCAG, ARIA, Semantic HTML

Databases & Cloud: PostgreSQL, MongoDB, BigQuery, AWS (S3, Athena), Google Cloud Platform, Firestore