

Tristan Beach

Software Engineer

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Software Engineer with 9+ years of experience building full-stack and desktop applications using C#, PostgreSQL, and Vue.js. Proven background in industrial automation, inventory/logistics systems, and startup environments. Comfortable owning features end-to-end, from requirements through deployment. Strong foundation in OOP, databases, and system integration.

Work Experience

- SW Engineer – Gulf Stevedoring - Remote (Jul. 2025 - Current)
 - Co-developed a full-stack web application for tracking shipping containers and pallets using Postgres, C#, Vue.js, TypeScript
- SW Engineer – Soochi Software (startup) - Remote (Jul. 2023 - Jul. 2025)
 - Designed and built a full-stack multi-tenant church management system used for tracking members, events, and internal data across the organization using Postgres, C#, Vue.js, TypeScript
 - Designed backend data models and APIs to support multi-tenant architecture and scalable growth
- SW Engineer/I.T. – Rohinni Inc. – Liberty Lake, WA (Nov. 2016 - Jan. 2024)
 - Designed and maintained a C# desktop application to control SMT manufacturing equipment, including XY positioning and machine-vision integration
 - Delivered a second-generation control system improving reliability and maintainability of production workflows
 - Built a full-stack C# web application to track inventory and production-line status, improving operational visibility
 - Served as on-demand system and network administrator supporting Windows infrastructure and internal tools
- Stockroom/Shipping – Advanced Input Systems (May. 2014 - Nov. 2016)
 - Kept assembly lines running by stocking parts, while maintaining accurate counts
 - Collaborated with multiple departments to ship boxes and LTL freight globally
- Urbanspoon (now Zomato) – Developer Internship (Aug. – Sept. 2013)
 - Developed E2E tests

Education

- North Idaho College – CITE Program (2016 - 2018)
 - Associate in Applied Science
- Kootenai Technical Education Campus (2012 - 2013)
 - Computer Repair and Troubleshooting

- Lake City High School

(2009 - 2013)

Skills

Languages & Frameworks

- C# (.NET, Entity Framework, WPF, Winforms)
- JavaScript (Vue.js, TypeScript, jQuery)
- HTML, CSS
- REST API, some GraphQL

Databases

- PostgreSQL, SQL Server, MySQL

Tools & DevOps

- Docker
- Git, Jira
- AWS (EC2, ECR, S3)
- GitHub Actions (CI/CD)
- RabbitMQ

AI Agents

- Claude Code
- ChatGPT

Systems / IT

- Windows system administration
- Networking fundamentals
- Computer hardware

References

- Available upon request

Strong ownership mindset with a continuous-learning approach