



# Russ Brooks

## Full Stack Web Developer

Born on 7.15.1970 next door to Vernon Valley / Great Gorge ski resort, to a Ski-Instructor, Systems-Analyst father. Currently working at Trainual.com. Latest fascinations: Skydiving, AI. Eliminating Transpiling from the planet. Fast technology that scales. Electric Guitar.



- [Dev.to](#)
- [Twitter](#)
- [Instagram](#)
- [GitHub](#)
- [LinkedIn](#)
- [me@russbrooks.com](mailto:me@russbrooks.com)

### EDUCATION

- Wildwood High School** 1988  
Honor Roll Jr and Sr Year.
- University of Autodidactica** Since 1970  
School always got in the way of my education.

### EXPERIENCE

- Trainual.com** Since Dec 2020, Scottsdale, AZ  
**Full Stack Web Developer**
  - Sr. Dev: Wrote a number of new features from the main application.
  - Data Science Engineer: Rolled out dbt.
  - Data Science Engineer: Built the analytics IaC.
- ShopRunner.com** Dec 2017 - April 2020, Conshohoken, PA  
**Full Stack Web Developer**
  - Added features to the main application and Kotlin microservices.
  - Serverless: Wrote AWS Lambda in Python on Flask.
- RevZilla** 2016 - 2017, Philadelphia, PA  
**Director of Software Engineering**
  - Surpassed \$100,000,000 in revenue the year I was there.
- TelVue** 2007 - 2016, Mt. Laurel, NJ  
**Sr Engineer, Web Development Mgr, Director of Software Engineering**
  - Added lots of features to their Suite of Rails-based products.
  - Recruiting: Assembled and trained the Dev Team.
  - Created TelVue Connect, their flagship SAAS product - TelVue's first modern stack.
  - IaC: in Chef
- NetReach** 1999 - 2005, Ambler, PA  
**Web Design Mgr, Project Mgr, Sr Engineer**
  - Consulting, Coding, Management
  - Hired 5-person Design Dept
  - Managed, engineered, or designed ~30 projects, including the Philadelphia Eagles
- Network Engineering & Office Solutions (NEOS) corp (dba Atlantic Image).** 1993 - 1998, Wildwood, NJ  
**President / Founder / Web Designer-Developer**
  - Built a customer base of 70 clients, mostly oceanfront hotels and restaurants.
  - Built the first website Cape May County had ever seen.
- Aqua Beach Resort: Most-popular hotel in Wildwood.** 1992 - 1998, Wildwood, NJ.  
**Director Front-Desk Operations, Controller, Sys Admin, Wwb Designer**
  - 22 years old.
  - Promoted to Night Auditor in 1 mo. Promoted to Front Desk Mgr 1 mo later.
  - Assembled and trained team of 10 Desk Clerks and 2 Night Auditors annually. My direct reports.
    - All the bookkeeping.
    - Systems Administrator: Rolled out their first network (Win NT), website, etc.
    - Automation: Replaced legacy manual processes with technology.
    - Fixed a number process and service problems, cutting costs and raising guest sat.

### SKILLS

#### Programming Languages

Ruby	ES6	TypeScript	Python	VBS
Shell Script	SQL	C#	Turbo Pascal	Learning Rust & Go

#### Libraries and Frameworks

Deno	Express	Fresh	Flask	Node.js
Nest	Preact	Rails	React	Sinatra

#### Further Knowledge

DataDog, NewRelic	dbt	Docker, Kubernetes, GKE	GCP, AWS	Git, GitHub Actions
HTML, SASS, Tailwind CSS	Linux, FreeBSD, MacOS	Lambdas & Cloud Functions	Segment.io, GA4	Semaphore, Tavis CI, Jenkins
Redis, MemCache	Resque, Sidekiq			

### PROJECTS

- Trainual.com**  
[Ruby](#), [Rails](#), [PostgreSQL](#), [Redis](#), [React.js \(TS\)](#), [Sidekiq](#), [Elastic Search](#), [GCP](#), [GKE](#), [Ubuntu](#)
- ShopRunner.com**  
[Kotlin on Spring](#), [Python](#), [AWS](#), [CentOS](#)
- Revzilla: Amazon of Motorcycle Gear**  
[Ruby](#), [Rails](#), [PostgreSQL](#), [Redis](#), [Sidekiq](#), [Ubuntu](#)
- TelVue**  
[Ruby](#), [Rails](#), [PostgreSQL](#), [Redis](#), [Resque](#)
- Safari Montage**  
[MS ASP.NET \(C#\)](#), [SQL Server](#), [FreeBSD](#), [PHP](#)
- Philadelphia Eagles**  
[MS ASP 2.8 \(VBS\)](#), [SQL Server](#), [MS Windows Server](#)
- MeetMe: Formerly MyYearbook.com**  
[PHP](#), [Python on Tornado](#), [Postgres](#)
- NetReach: (defunct ISP & Consulting)**  
[MS ASP 3.0 \(VBS\)](#), [SQL Server](#), [MS Windows Server](#)
- Wildwood Tourism Hub**  
[HTML](#), [CSS](#), [PhotoShop](#)
- Aqua Beach Resort**  
[HTML](#), [CSS](#), [PhotoShop](#)
- Wildwood Harley Davidson**  
[HTML](#), [CSS](#), [PhotoShop](#)
- El Coronado Resort**  
[HTML](#), [CSS](#), [PhotoShop](#)
- Crusade Rresort**  
[HTML](#), [CSS](#), [PhotoShop](#)
- Lotus Inn**  
[HTML](#), [CSS](#), [PhotoShop](#)
- Heart of Wildwood Motel**  
[HTML](#), [CSS](#), [PhotoShop](#)

### CERTS AND AWARDS

- MicroSoft Certified Professional (MCP): FrontPage** 2001  
MicroSoft
- MicroSoft Certified SharePoint Professional (MCSP)** 2004  
MicroSoft
- Adobe Certified Expert (ACE) PhotoShop** 2004  
Adobe Corporation
- Bronze Medal: New Jersey Institue of Technology (NJIT) Computer Olympics** 1988: Sr Year in HS  
Turbo Pascal: Atomic Mass Converter
- Silver Medal: Stockton State College Science Fair** 1987: Jr Year in HS  
Turbo Pascal: Atomic Mass Converter

### CONTACT

E-Mail

Message

Send

