



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.



EDUCATION

Self Taught

Since 1977

BASIC on TRS-80 & CP/M machines (NorthStar), Fortran & TurboPascal on MS-DOS PCs, on thru modern languages and F/OSS.

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: Newer Version of my Atomic Mass Converter

EXPERIENCE

Trainual.com

Dec 2020 - May 2023, 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 all of the analytics infrastructure.

ShopRunner.com

Dec 2017 - April 2020, Conshohoken, PA

Full Stack Web Developer

- Added features to the main application and Kotlin microservices.
- Wrote AWS Lambda: Python on Flask.

RevZilla

2016 - 2017, Philadelphia, PA

Director of Software Engineering

- \$100,000,000 in revenue the year I was there.

TelVue

2007 - 2016, Mt. Laurel, NJ

Sr Engineer, Web Devlopment 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.

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. 22 yearsr old.

Director Front-Desk Operations, Controller, Sys Admin, Wwb Designer

- 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. Trrained dept in its ues.
- Fixed a number process and service problems, cutting costs and raising guest sat.

SKILLS

Programming Languages

Ruby	ES6	TypeScript	Python	VBS
SQL	C#	Learning Rust and Go		

Libraries and Frameworks

Rails	Sinatra	Deno	Fresh: This site is TypeScript on Deno on Fresh	Flask
Preact	React	Node.js	Express	Nest

Further Knowledge

Linux: Ubuntu, CentOS	dbt	Docker	Kubernetes	GCP & AWS
Serverless: AWS Lambdas & GCP Cloud Functions	Segment.io	CI/CD: Semaphore, Tavis CI, Jenkins	DataDog / NewRelic	NewRelic
Git	HTML/SCSS/SASS	NoSQL: Redis	Background Job Servers: 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 2.0 (VBS), SQL Server, MicroSoft Windows Server

Wildwood Tourism Hub

HTML, CSS, my Design created in PhotoShop

Aqua Beach Resort

HTML, CSS, my Design created in PhotoShop

Wildwood Harley Davidson

HTML, CSS, my Design created in PhotoShop

El Coronado Resort

HTML, CSS, my Design created in PhotoShop

Crusade Rresort

HTML, CSS, my Design created in PhotoShop

Lotus Inn

HTML, CSS, my Design created in PhotoShop

Heart of Wildwood Motel

HTML, CSS, my Design created in PhotoShop

CONTACT

E-Mail

Message

Send

