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 Dimension and Advantage), Fortran, TurboPascal on MS-DOS PCs, on thru modern languages and F/OSS.

Bronze Medal: New Jersey Institue of Technology (NJIT) Computer Olympics

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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

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.

Dec 2020 - May 2023, Scottsdale, AZ

ShopRunner.com

Full Stack Web Developer

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

Dec 2017 - April 2020, Conshohoken, PA

RevZilla

Director of Software Engineering

- 100,000,000 in revenure the year I was there.

2016 - 2017, Philadelphia, PA

TelVue

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.

2007 - 2016, Mt. Laurel, NJ

NetReach

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

1999 - 2005, Ambler, PA

Atlantic Image: Network Engineering & Office Solutions (NEOS) Corp.

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.

1993 - 1998, Wildwood, NJ

Aqua Beach Resort: The mosts popular hotel in Wildwood. 100% occupancy.

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

- Assembled and trained team of 10 Desk Clerks and 2 Night Auditors. My direct reports.
- All the bookkeeping.
- Systems Administration: Roled out their first network, etc.
- Automated the entire place. Replaced legacy tech with a PMS, etc.
- Fixed a number process and service problems, cutting significant costs..

1992 - 1998, Wildwood, NJ

SKILLS

Programming Languages

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

Libraries and Frameworks

Rails
Sinatra
Deno
Fresh: This site is Deno on Fresh
Flask

Preact
React
Node.js
Express
Nest

Further Knowledge

Linux: Ubuntu, CentOS
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, Siekiq

CONTACT

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