

# Rohan Smith


Software Architect | AI Engineer | Innovative Entrepreneur |  Drupal Developer

## contact

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## programming

PHP, JavaScript,  
Python, C++, Java,  
Bash, SQL, anything  
**ChatGPT** can produce.

## timezone

Easter Standard Time  
(EST)  
Atlantic Standard Time  
(AST)  
GMT -4

## languages

English (first)  
Spanish (learning)  
Klingon  
Jamaican Creole  
(informal)

## experience

- 2021–Present **Brooks Digital** Vancouver, Washington, U.S.A. (Remote)  
*Senior Software Engineer*
- Developed Symfony applications, Drupal 7 - 10 websites
  - Managed security updates and patches
  - Developed custom Drupal modules
- 2007–Present **Exterbox** Internet  
*Founder*
- Operates AI SEO Writing app Content Scribe (ReactJs & Python).
  - Operates AI Academic Advisor chatbot for University of the West Indies.
  - Operates an Etsy e-commerce brand
  - Operates multiple Youtube accounts with over 13K subscribers
  - Operates multiple blogs with over 30k monthly visitors
- 2017–2019 **Codigo Vision** Miami, Florida, U.S.A. (Remote)  
*Senior Developer*
- Developed object oriented PHP 7 web applications around Drupal 7 & 8.
  - Built custom API endpoints for consumption by a JavaScript frontend.
  - Ran application profiling to analyze and improve performance.
  - Reduced application application run-times from multiple hours to minutes.
  - Offered project architecture consultancy.
  - Ported declarative Drupal 6 functionality to object oriented Drupal 7.
  - Constructed custom entities, schemas and built complex queries.
  - Javascript frontend (including ES6) Development.
- 2016–2017 **Bluespark** Raleigh, North Carolina, U.S.A. (Remote)  
*Senior Developer/Tech Lead*
- Developed multi-lingual AngularJS application to interface with Drupal
  - Managed multi-lingual and multi domain sites
  - Architected site frameworks for high traffic clients
  - Developed Apache Solr search features with facets
  - Custom module and drupal features development
- 2014–2015 **GIZMO Creative, Inc.** Caramel Valley, California, U.S.A. (Remote)  
*Senior Engineer*
- Developed RESTful APIs to support web and mobile applications
  - Designed MySQL and SQLite Databases and constructed complex queries
  - Contributed to the development of payment gateways and e-commerce applications
- 2013–2014 **Atrenet** Santa Cruz, California, U.S.A. (Remote)  
*Web Engineer* Drupal Sitebuilding, architecting and development.
- 2012–2013 **Thinkdrop LLC** Brooklyn, New York, U.S.A. (Remote)  
*Backend Drupal Developer*

## education

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2017	<b>Masters</b> of Philosophy (Computer Science) <i>X10ABOT: The Modular, Extensible, Scalable Robotics Platform.</i>	The University of the West Indies, Mona
2007	<b>Bachelor</b> of Science Computer Science & Electronics ( <i>Double Major</i> )	The University of the West Indies, Mona
2019	<b>Chaincode Labs</b> Completed the Chaincode Cryptocurrency (Bitcoin Lightning Network) Seminar	New York, New York, U.S.A. (Online)

## Technological Skills

### Artificial Intelligence:

- **Large Language Models (LLMs):** OpenAI API, Gemini, Claude, Ollama(LLaMA3, Mixtral)
- **Media Generation: Image** (Stable Diffusion, Dalle-E, Midjourney), **Audio** (ElevenLabs, Suno, Sonato, Udio),
- **Chatbots:** RAG, Conversational, Multi-Agent, AnythingLLM
- **Coding Tools:** Cursor AI, Github Copilot.

### Languages:

- **Proficient:** PHP(Symfony, Drupal), JavaScript(ES6, React), Python(Flask, FastAPI), CSS(Tailwind, Bootstrap, SASS/SCSS), Bash, Dart(Flutter Framework), SQL.
- **Capable:** React Native, Haskell, Assembly, Swift, ObjectiveC, C++, Embedded C.
- **Basic Proficiency:** ASP, Matlab, VB6, Perl, Ruby, BASIC.
- **Applications:** L.A.M.P, A.W.S. Emacs, Vi, grep, sed, awk, Chef, MongoDB, PostgreSQL,  $\LaTeX$ , Drupal, Wordpress, Figma, Adobe Design Suite, Git, Mautic.
- **Drupal Specific:** Drupal 4.7 - 10.x Solr, Drush, Panels, Ctools, Context, S.E.O, Display Suite, Workbench, Rules, Commerce.
- **Hardware Applications (Proficient):** Arduino, Raspberry Pi.
- **Writing content and creation:** Copywriting (Ads, Landing Pages), Content Marketing for SEO, Video editing, Audio Editing, Graphic design, social media.

## online profiles

I am active in a number of online communities:



## interests

**professional:** Artificial Intelligence, Web development, Internet Marketing, writing, Linux and Devops, training, project management, UX design, mobile development, on-site searching, application architecting, marketing, idea brainstorming, embedded development, automation, robotics, telemetry, electronic security, computer and social networking, computer hardware

**personal:** hiking, guitar, physical and audio books, photography, videography, music, no-till organic farming, podcasts, cooking, football(soccer), long-distance running, nutrition.

## communication skills

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- 2013 - Now    **Articles on Medium.com**    Topics: Remote work, entrepreneurship, productivity, motivation  
<http://medium.com/@frazras>
- 2013    **Oral Presentation and Written Paper** IEEE South East Conference 2013, Jacksonville, Florida, U.S.A  
Presented the research I conducted for my Masters of Philosophy degree.

## useful assets

- United States Non-Immigrant B1/B2 Visa
- Caribbean Single Market and Economy(CSME) certificate
- Driver's License
- Sense of Humor

## active and semi-active side projects

- Nalij - Article Narration Application Nalij Website
- Exterbox finance blog
- SDA Hymnal mobile app (over 100K downloads)
- Etsy Ecommerce shop (over 2400 sales)

## notable past client projects

- University of California, Los Angeles (UCLA)
- TripAdvisor
- Lowes
- American Golf Corporation
- University of the West Indies
- Indiana University
- Duke University
- Stanford University

## recent books read

- 10X is easier than 2X, Infinite Game, Hyperfocus, The Passion Paradox, 80/20 Running
- Mindset, The One Thing, Grit, Sleep Smarter, Faster Than Normal, The Bitcoin Standard
- The Power of Broke, Capital in the 21st Century, 12-week year, The 4-hour work week
- Emotional Intelligence 2.0, Atomic Habits, Man's Search for Meaning, Content Inc.
- So good they can't ignore you, Deep Work, Courage is Calling, Range, Whole,
- Never Split the Difference, How to lead when you're not in charge, The 10X Rule