Rohan Smith

Software Architect | AI Engineer | Innovative Entrepreneur

contact

Rohan A. Smith
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@frazras

drupal://frazras

github://frazras

stackexchange://frazras

LinkedIn://rohan

programming

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

timezone

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

languages

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

experience

2021–Present Brooks Digital Web Agency   Vancouver, Washington, U.S.A. (Remote)
Senior Software Engineer
- Developed PHP Symfony applications and Drupal 7 - 10 websites
- Managed security updates and patches
- Developed custom backend Drupal modules and API endpoints
- Designed and implemented database schemas

2007–Present Exterbox   Internet
Founder
- Operates Open Source AI SEO Writing app Content Scribe (ReactJs & Python).
- Operates Article Narration app Nalij - Audio version of the internet (Flutter, NodeJs, Firebase)
- 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
- Operates a mobile app with over 100K downloads

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

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

2017	**Masters** of Philosophy (Computer Science)	The University of the West Indies, Mona

X10ABOT:The Modular, Extensible, Scalable Robotics Platform.

2007	**Bachelor** of Science	The University of the West Indies, Mona

Computer Science & Electronics *(Double Major)*

2019	**Chaincode Labs**	New York, New York, U.S.A. (Online)

Completed the Chaincode Cryptocurrency (Bitcoin Lightning Network) Seminar

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, ReactJS, NodeJs), 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, Shadcn UI, Figma, Adobe Design Suite, Git, Mautic.
- **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:

StackOverflow   StackExchange   Twitter   Linkedin   Drupal   Github

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

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