SHAI COLEMAN

I'm currently not considering new opportunities until further notice.

PROFESSIONAL PROFILE:

- A 360° expertise in a wide range of technical roles covering the full stack: polyglot development, business analysis, devops, system administration, front end and back end development, database development and administration, performance, security and agile project management.
- Up to date with the latest trends and best practices in the industry.
- Lifelong passion for technology. Working in tech since 1992.

WORK HISTORY:

Nov/2018 – Present:	**Cash Analytics** (enterprise cash flow forecasting) – **senior developer**
	‣ Software developer
Dec/2017 – Mar/2018:	**Full Health Medical** (preventative healthcare startup) – **senior back-end developer, devops**
	‣ Rails development (Rails/MongoDB/RSpec/Capistrano).
	‣ Technical debt cleanup, improved project health (software upgrades, performance, security, code quality, testing, code cleanup, documentation).
	‣ Migrated legacy infrastructure to Ansible, Ubuntu 16.04, Capistrano 3, Envoy Proxy & AWS.
Jun/2015 – Nov/2017:	**Storyful** (social media content agency) – **senior back-end developer, reliability engineer**
	‣ Mentoring and advising a team of up to 8 developers and beyond. Implemented best practices, code reviews and pair programming.
	‣ Rails development (Rails/PostgreSQL/ElasticSearch/Agile/Scrum/OOP/RSpec/Capistrano/ Sidekiq/NewRelic) and a bit of Angular/EmberJS.
	‣ Reworked a social media content discovery app from legacy prototype to product. Handled 50x scale increase and reduced downtime 10x.
	‣ Architected a real time social network monitoring tool to handle 20x more data (Rails/Redis).
	‣ Rearchitected a video archiving tool to collect virality metrics across various platforms.
	‣ Developed a distributed peeking MITM proxy (Go/AWS/Terraform/Docker/Elastic Stack).
	‣ Migrated various legacy apps to Rails 5.
	‣ Migrated infrastructure to AWS, Ubuntu 16.04, systemd, Capistrano 3, PostgreSQL 9.6, etc.
	‣ Developed a custom job scheduler for recurring jobs (Rails/ActiveJob/Sidekiq/Redis).
Jun/2014 – Mar/2015: (contract)	**TrustHub** (anti-fraud startup) – **founding developer**
	‣ Development, analysis and consulting of product prototype (Rails 4.2/PostgreSQL/ HAML/SCSS/CoffeeScript). Built to high security standards.
Mar/2014 – Dec/2014: (contract)	**Sonru** (video interviewing platform) – **lead developer**
	‣ Development of the next generation of candidate video interview portal app, localisation, whitelabel branding (Rails 4.1/puma/capistrano/i18n/ HAML/SCSS/CoffeeScript).
Apr/2008 – Jan/2014:	**Lucidity Digital** (now Isobar) (web design, digital marketing, hosting) – **technical lead, senior web developer, senior system administrator**
	‣ Removed technical roadblocks for hundreds of projects, and a team of 10 developers.
	‣ Research, development, implementation of best practices in the company.
	‣ Mentoring and advising the developers and the rest of the staff. QA and code reviews.
	‣ Implemented a self-hosted multi-platform cloud server platform, shared web/email hosting platform, monitoring system, git repositories on a shoestring budget.
	‣ Hired and managed a team of off-shore developers to complete a dozen of web projects.
	‣ Developed and co-developed 50 sites, e-commerce and webapps. Ruby on Rails/Spree/PHP.
	‣ Developed a new user friendly, secure, performant and extensible CMS in Ruby on Rails with modules such as translations, blog/news, maps, events, uploads, gallery, videos, etc.
	‣ Internal tools development: Domain/DNS info & diagnostics, SMS tool, password generator, email settings configurator, Google scraper, database syncer, subdomain scanner, static site copier, nameserver replicator, video transcoder, HTML email automation.
	‣ Developed the core tech stack: Ruby on Rails, HAML, nginx, git, capistrano, AuthLogic, CSS template, project creation script, web/database/DNS setup, deployment, etc.
	‣ Implemented a proactive monitoring system in Shinken (Nagios).
	‣ Maintained 24/7 mission critical and ecommerce servers.

Feb/2007 – **Dec/2007:**	**IE Internet** (email security, hosting, domains) – **senior web developer** ‣ Developed a WS-I BasicProfile SOAP API server engine. PHP/CodeIgniter/MySQL. ‣ Developed the renewal and transfers module for .eu domain registration using EPP (Extensible Provisioning Protocol) an XML based API. PHP/CodeIgniter/MySQL. ‣ Developed a challenge/response anti-spam solution. Linux/Python/PHP. ‣ Migration of clients from a legacy system to a solution based on Plesk. Plesk/Linux. ‣ Migration from a legacy billing system to ModernBill..
Apr/2004 – **Sep/2006:**	**Freelance web developer/programmer** ‣ **Prem Dan** (multilingual solutions) – development of a web based translation backend. development of a recruitment management system. MySQL/PHP/JavaScript. ‣ **Mono Labs** (open-source software consultancy firm) – developed a cross-platform solution to obtain optimal IPv6 network connectivity according to the OS, NAT, firewalls, ISP, connectivity mechanism and latency. Perl/Linux/FreeBSD/IPv6/DNS/shell/CVS. ‣ **Mono Labs** – automatic deployment of GFS (Global File System) clusters via ssh. Linux/bash. ‣ **Altavia 180°** (ad agency) – back-end system for **Trucco** (women's fashion). MySQL/PHP/Flash.
2002–2003: (3d/week)	**Eurotexte** (translation agency) – **network administration** ‣ Network administration: Debian/FreeBSD/Apache/PHP/IMAP/Postfix /bash/samba.
2002–2003: (2d/week)	**Plasson France** (plastic products) – **web development** ‣ Developed a product catalogue website. Apache/PHP/MySQL.
2001–2002: (3d/week)	**MindGuard** (medical start-up for stroke prevention) – **network admin, programming** ‣ Angiography video capture, image measurement, calibration and analysis software.
2001–2002: (2d/week)	**Suron** (photochemical machining) – **desktop and web development, network adminstration** ‣ Visual C++/MFC/VBA/HTML/PHP/Windows 2000/Solaris.
1998–2001:	**IDF – database analyst** ‣ Reporting and analytics of bitemporal HR database systems.
1992–1997: (1d/week)	**Plasson** (plastic products) – **programming and tech support** ‣ Visual Basic, VBA, Pascal, C, C++, MS Access, Magic RAD and VMS BASIC.

PERSONAL PROJECTS:

Developed **Colemak**, an award-winning keyboard layout designed as an alternative to the QWERTY keyboard layout. It allows faster, efficient and pain-free typing on all standard keyboards. It has become the third most popular keyboard layout for touch typing in English after QWERTY and Dvorak, and is now included by default with all flavours of Linux, Mac OSX, Android, iOS.
Windows/Linux/X-Windows/FreeBSD/NetBSD/OpenBSD/Solaris/Mac OS X/Java/JavaScript/PHP/Perl/C++/D (programming language)/Vim.

LANGUAGES:

English: native speaker, **Hebrew:** native speaker, **Spanish:** full proficiency, **French:** proficiency,
Portuguese: intermediate, **Italian:** intermediate

CERTIFICATIONS:

Sep/2016:	**ScrumAlliance Certified Scrum Product Owner** (566530)
Apr/2015:	**Ruby Assocation Certified Ruby Programmer Silver v2.1** (RAS2115415319)
Apr/2015:	**AWS Certified Developer – Associate** (AWS-ADEV-710)
Apr/2015:	**AWS Certified SysOps Administrator – Associate** (AWS-ASOA-1024)
Mar/2015:	**AWS Certified Solutions Architect – Associate** (AWS-ASA-6484)
Mar/2008:	**Certified MySQL 5 Database Administrator** (224241452)
Jan/2008:	**Certified MySQL 5 Database Developer** (223630871)
Dec/2007:	**Zend Certified PHP 5 Engineer** (ZEND006731)

SKILLS:

Skill/technology	Exper. (years)	Comments
Ruby, Ruby on Rails	10y	Rails, rspec, asset pipeline, CoffeeScript, SCSS, Haml, RVM, devise, cancan, nokogiri, kaminari, omniauth, Sidekiq
AWS	3y	EC2, Autoscaling, ELB, S3, Amazon Linux, Route 53, VPC, IAM, CloudFront,CloudWatch, RDS, ElastiCache, Elasticsearch, SQS, SNS, SES, DynamoDB, AWS APIs
DevOps		Docker, Ansible, Kubernetes, Terraform
Agile		Scrum, Kanban
Linux/UNIX	>10y	experience mainly with Ubuntu & CentOS, scripting, bash, systemd
Relational databases	>10y	PostgreSQL, MySQL, SQLite. Development, querying. administration, data modelling and optimisation.
NoSQL databases		Redis, ElasticSearch, MongoDB, memcached
Web/application servers	>10y	nginx, Apache, passenger, puma, unicorn
Version control /deploy		Git, capistrano, zero-downtime deploys
Monitoring, Logging		New Relic, Logstash (Elastic Stack), HoneyBadger, Shinken, Sentry
Analytics / Data reporting		Google Analytics, Mixpanel, SQL and Excel analysis and reports
Front end development		HTML5, CSS3, responsive web design, jQuery, AJAX. some AngularJS/EmberJS.
Localisation/i18n	4y	
APIs		Facebook, YouTube, Instagram, Twitter, LinkedIn, Google Maps, PayPal, SendGrid, Reddit, Twilio
Performance		Experience in optimising and fine-tuning every part of the stack (cloud, front-end, back-end, queries, database, hardware, virtualisation, caching, filesystem, etc.), concurrent programming
Security		Secure programming, PCI compliance, cryptography, OpenSSH, nmap OWASP top 10, iptables, vulnerabilities

LINKS:

▸ LinkedIn: https://www.linkedin.com/in/shaicoleman/
▸ GitHub: https://github.com/shaicoleman
▸ Latest CV: https://shaicoleman.com/cv

HOBBIES:

Playing Guitar, Latin Dancing, Photography.