Charles Cash III

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About Me

I am a software engineer with 4+ years experience in building websites in a variety of scales. I am detail-oriented with the ability to quickly learn new technologies. I use this experience to develop solutions for performant and useable services.

My love of technology encourages and enables me to pursue other hobbies I enjoy, such as music creation, gaming, and embedded software design. I am constantly excited to see what tech is coming next, and finding new ways to use it.

While I have been doing hardware and systems repair for many years, I am pursuing a career in software development to further my understanding of what is happening behind the scenes of the products I use every day. I enjoy the challenge of learning new design patterns and seeing the approaches that different teams take.

Work Experience

11/2017 – PRESENT   REMOTE, UNITED STATES

Software Engineer
ClickFunnels
Working on a variety of teams, I've used Ruby, Rails, and Javascript to implement and revamp many core features of the platform. Some improvements I've been involved with include giving the site a facelift with a new UI framework, using Elasticsearch to improve page load times for data-heavy pages, and connecting external integrations for user and developer use. I've rebuilt a primary marketing tool from the ground up to be faster, with less overhead, and an easier to maintain code base. I recently worked on a project to split a rails project into multiple clustered environments to segregate data and allow the app to scale laterally, allowing more users with less overhead on supporting services.

10/2016 – PRESENT   ABILENE, TX

Web Developer
Profoundry LLC
Website development and maintenance of Ruby on Rails, Wordpress, ClickFunnels, and SquareSpace sites as well as custom sites built with HTML, CSS, and Javascript (AngularJS) using GitHub for version control.

Work Experience

Additionally built in-house prototypes using AngularJS, Ionic, Firebase, and Unity.

08/2015 – 11/2017   PLANO, TX

Field Service Technician
Compucom
On-Site technician for seven area Lowes Home Improvement locations, including two top 5 stores. Maintain, repair and update network, server and point of sale hardware. Maintain and repair fiber optic cabling, Cat6, Cat3, and PA systems. Replaced and repaired Lexmark printers.

01/2015 – 05/2015   ABILENE, TX

Technician
Apollo Computers
Bench and on site repair of hardware devices specializing in Apple products, printers, and other end user technologies.

07/2013 – 01/2015   ABILENE, TX

Manager/Systems Administrator
Tech Res-Q
Managed a team of seven to expedite repair of customer devices, maintain customer relationships.

- Store infrastructure
- Security systems
- 100 local users
- Multiple business clients
- Setup and maintained ticketing system
- Upgraded servers and implemented VPN
- Administered Exchange and file servers
- Built and maintained PXE server for re-imaging/reinstalling software.
- Built and maintained a repair tool suite to assist techs in timely repairs

02/2012 – 07/2013   ABILENE, TX

Computer Technician
Tech Res-Q
Created and maintained internal and external websites using Joomla. Repaired consumer electronics for customers including PCs, laptops, game console, cell phones and more. Installed security systems, maintained workstations for business customers. Re-cabled and setup retail location for Tech Res-Q.

Work Experience

📅 07/2008 – 02/2012   📍 ABILENE, TX

eCommerce Manager
Big Country Supply

Online and in store sales of police and fire equipment. Site maintenance and product updates on 3 online stores. Graphic design and product photography for in-house catalog. Assisted in POS hardware and software updates. Showroom and public event sales. Streamlight and Maglite flashlight repair. Vehicle light-bar repair. Security camera installation. Shipping/receiving experience.

Professional Experience

Web technologies
- HTML/CSS and frameworks including Bootstrap, Material Design, and Semantic UI, and a bit of Tailwind CSS
- Ruby and Rails for full stack development
- GitHub for version control
- SQL optimization
- Docker
- Familiar with aspects Heroku, AWS, and Google Cloud for production deployment

Systems Administration
- Proficient with Active Directory including adding users and assigning permissions
- Evaluate new hardware and software in a test environment
- Implement and utilize multiple documentation systems
- Proficient at creating and maintaining web, mail, and remote assistance servers
- Implement and maintain an offsite backup solution for files and SQL databases
- Creating and maintaining print servers
- Testing, user training and roll-out of customer hardware and software

Network Administration
- Designed, implemented and maintained LANs including cable running
- Replacing routers with minimal downtime including configuration of firewall
- Maintain a network map
- Setup PXE server for computer repair and Windows install
- Utilize SSH for software install, maintenance and configuration of servers
- Diagnosing DNS servers and Zone file configuration

Management
- Purchasing and inventory management
- New employee training
- Hiring technicians
- Managed technical sales, support and installation of computerized time and attendance systems
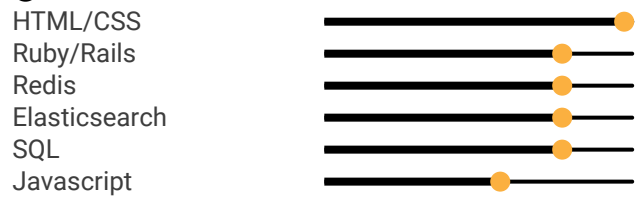
Professional Experience

including integration of bio-metric scanners
- Implementing loss prevention systems

Hardware/Software Technician
- Point of contact for several local businesses for IT help and repair
- Diagnosis and repair of a variety of hardware devices including desktops, laptops, cell phones, game consoles and printers including HP and Lexmark

Skills

ⓘ **WEB TECHNOLOGIES**

HTML/CSS
Ruby/Rails
Redis
Elasticsearch
SQL
Javascript

ⓘ **TECHNOLOGIES**

Windows
OSX
Network Administration
Active Directory
Exchange
Apache
*nix