PATRICK SMITH

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San Francisco, CA
github.com/murrain

A dynamic software engineer with over 10 years of experience in designing and developing scalable web applications and cloud-based solutions. I possess a strong proficiency in programming languages such as PHP and JavaScript, and I have a proven track record of transforming high-level concepts into impactful, user-centric products. My expertise lies in building automation tools and enhancing operational workflows to drive efficiency and reduce costs. I thrive in fast-paced environments, and I'm eager to contribute my skills in full-stack development, particularly in backend engineering and system architecture, to tackle complex challenges within innovative, tech-driven teams.

Home Remodel Buddy

Lead Software Engineer

May 2011 – Current | San Francisco, CA

- Owned the development and deployment of an automated dialer using the Twilio API, enhancing customer follow-up efficiency and reducing churn by over 10%.
- Reduced AdWords conversion costs from ~$13 to ~$8 by optimizing keyword targeting, improving ad relevance, and redesigning landing pages to enhance user experience and drive higher conversion rates.
- Led the full-stack development of a CRM using JavaScript and PHP, optimizing contractor workflows and increasing lead management efficiency by 25%.
- Leveraged JavaScript frameworks for front-end development, ensuring smooth user experience for CRM users.
- Designed and implemented RESTful APIs in PHP, integrating with third-party services to enhance functionality and scalability.
- Configured and administered bare metal Linux servers, optimizing system performance and ensuring reliability for critical operations
- Automated routine system maintenance tasks using Bash and Python scripts, reducing manual intervention and minimizing system downtime.
- Engineered and deployed comprehensive monitoring systems to ensure consistent uptime and availability for critical websites and services, enabling real-time detection and resolution of potential issues
- Diagnosed and resolved complex system issues, utilizing log analysis, network troubleshooting, and performance monitoring to restore full system functionality.
- Managed version control using Git and GitHub, facilitating team collaboration, maintaining clean commit histories and leveraging branching strategies for feature development and bug fixes
- Configured and maintained MySQL servers, ensuring data integrity, optimizing query performance, and managing backups to support high-availability applications
- Designed and implemented a comprehensive disaster recovery plan, including the creation and testing of off-site backups to ensure data resilience and minimize downtime during critical incidents
- Integrated Google Maps api to visualize coverage area for leads and to visualize leads out of coverage areas
- Quickly adopted new technologies and frameworks, with a focus on continuous learning and adapting to dynamic, fast-paced environments.

Quotify Technology Inc. (acquired by Telstra)

Media Operations Engineer

Jan 2011 - May 2011 | San Francisco, CA
- Developed custom WordPress templates to streamline and accelerate the deployment of web properties across various verticals
- Managed AdWords and increased landing page conversion from 8% to 12%

Cypress Coast Mazda Subaru

Internet Sales Manager

Feb 2010 – Jan 2011 | Seaside, CA
- Designed and executed internet marketing and direct mail campaigns to drive engagement and conversions
- Closed on 10% of leads dealership received
- Mentored and trained new sales staff in effective lead conversion techniques

Founder's Dojo

Partner

Feb 2012 – Jan 2017 | San Francisco, CA
- Guided members in developing technical Minimum Viable Products
- Helped members design and implement scalable technical systems

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Skills

Programming Languages: Python, PHP, JavaScript, Node.js , SQL, Bash, Lua, C#

Front-End Frameworks: Ember, Knockout

Back-End Technologies: RESTful API development, Express,

Database Management: MySQL, Redis, Memcached

Cloud Platforms: AWS (EC2, S3, Lambda, SNS, SES), Azure

DevOps Tools: Docker

Version Control: Git, GitHub, GitLab

Operating Systems: Linux (Ubuntu, CentOS), BSD, macOS, Windows

Web Technologies: HTML5, CSS3, Responsive Web Design, JSON, XML

API Integrations: Twilio, Stripe, Google Maps API, AWS SDK

Networking: DNS, Load Balancers, Firewalls, VPN, HTTP, WebSockets

Problem-Solving: Proven ability to diagnose and resolve complex technical challenges, identify root causes, and implement effective solutions.

Communication: Exceptional written and verbal communication skills, adept at translating technical concepts for non-technical audiences.

Adaptability: Thrives in dynamic, fast-paced environments, demonstrating a quick ability to learn new technologies and adapt to changing priorities.

Teamwork: Collaborative team player with experience working effectively in cross-functional teams, both remotely and in-person.

Leadership: Demonstrated leadership skills, including managing projects from inception to deployment and mentoring junior developers and sales people
Time Management: Highly organized and efficient, able to effectively manage multiple tasks, prioritize high-impact projects, and meet deadlines in demanding environments.

Education

Associates in Science, Business/Economics
Gavilan College
Computer Science
California Polytechnic University, San Luis Obispo