Ryan Chausse

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GitHub

Profile

What motivates me: Thinking deeply before implementing solutions in order to reduce the need for maintenance. Writing software with a focus on readability. Implementing most abstractions as they naturally emerge. Being accountable to users.

Technical Skills: Python, PHP, SQL, JS, Django, Laravel, MariaDB, PostgreSQL, Celery, AWS, Azure, GCP, React, JS, Bootstrap, Ba(sh), GitLab, Ubuntu Server, CentOS, DevOps, GitLab CI, Data Structures / Algorithms, and many more.

Select Experience

Senior Support Engineer, Cloud Platforms   San Francisco, CA
City and County of San Francisco   2022 – 2024
- Led the support team during rapid growth, resulting in 300% increased throughput for support tickets with no additional headcount. Answered 3,000+ tickets and wrote 10,000 lines of code to automate daily tasks.
- Collaborated with cross-functional teams to resolve business process ambiguities.
- Implemented scripts to detect and fix erroneous database records, enabling at least one FTE in time savings.
- Managed documentation, ensuring correctness, organization, legibility, and availability.

Software Engineer   Siena, Italy and Pueblo, CO
Freelance / TruNorth Solutions   2018 - 2020 / 2021 - 2022
- Consulted on sales engineering, helping to secure tens of thousands of dollars in support contracts.
- Collaborated with management and clients to create bespoke web application solutions (Django/Postgres).
- Wrote / deployed HIPAA-compliant web applications, obviating need for an EMR platform and DocuSign.
- Managed Ops for software, ensuring reliable and positive outcomes for psychologists and optometrists.

Software Engineer   Santa Barbara, CA
Apeel Sciences   2018 / 2020 - 2021
- Spearheaded lab web application initiative, allowing stakeholders to view the performance of the product.
- Collaborated with biological and chemical teams to create a database of experimental results.
- Implemented Scrum, leading to rapid iteration and increased visibility for management.
- Managed stakeholder requests, ensuring proper prioritization of work and frequent, high signal communication.

Applications Programmer   Santa Barbara, CA
University of California, Santa Barbara   2016 - 2018
- Maintained legacy web applications (Perl, PHP) in the College of Letters and Science I.T. department.
- In coordination with the Admissions department, wrote a new web application (PHP/Laravel) for auditing.
- Launched a new web platform initiative to support rapid and modern future web application development.
- Managed DevOps (GitLab, libvirt/KVM/QEMU, Docker). Wrote and deployed migrations for legacy database.

Additional

Education: Bachelor of Science, Biopsychology, University of California, Santa Barbara

Nonprofit Work: Board Member and Assistant Events Coordinator, Tenderloin Tessie

Volunteer Experience: Taught programming and select classes in accounting to rural college students in Kenya in 2009 and 2013-2014. Swam from Alcatraz to San Francisco to fundraise for Full Picture Justice.

Language Skills: German, Italian

Interests/Hobbies: Commissioned Notary Public, County of San Francisco. Certified Forklift Operator. Interested in civil and mechanical engineering, international relations, medicine, and I/O psychology.