

Ryan Chausse

Profile

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[GitHub](#)

What motivates me: Thinking deeply before writing code 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 Lambda/SQS microservices, Azure, React, Bootstrap, Ba(sh), GitLab, Ubuntu, CentOS, DevOps, CI/CD, data structures / algorithms, and many more.

Select Experience

Senior Software Developer

Genomical

Melbourne, VIC
2025 - 2025

- Extended and improved existing microservices architecture for data engineering in a clinical medical genetics space
- Reduced latency by profiling the existing system and making changes in the most critical areas
- Made contributions across the React front end, the serverless web app backend, and the core infrastructure
- Created a new user-facing feature that visualised quality control data

Senior Support Engineer, Cloud Platforms

City and County of San Francisco

San Francisco, CA
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

Freelance / TruNorth Solutions

Siena, Italy and Pueblo, CO
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

Apeel Sciences

Santa Barbara, CA
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

University of California, Santa Barbara

Santa Barbara, CA
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. Management of stallman.org on behalf of Richard Stallman. Swam from Alcatraz to San Francisco to fundraise for Full Picture Justice.

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.