Matthew Brown

Senior Healthcare Data Engineer /
Senior Technical Analyst /
Software Developer

https://www.linkedin.com/in/matthew-brown-28a968159/

https://github.com/matthew-brown-mlsci/Resume
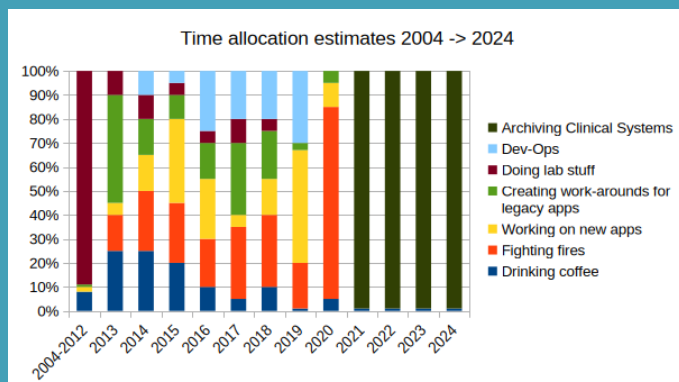
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ABOUT ME

Coffee aficionado dad seeking new problem solving opportunities. I started off digging ditches, sometimes manure, transitioned to a long stint working in various hospital laboratories, eventually progressing to a IT role. I've had many side-gigs along the way, but I'm really looking to focus on a single, quality opportunity in the future. Professionally, I consistently find myself in a role where I evolve to be the technical resource for my peers, the guy who can diagnose issues and get things working. I like to build things that matter with people who care.

SKILLS

Python, Javascript (Riot / React), AWS (EC2, ECS, S3, RDS), Docker, Microservice APIs, Git, Shell scripting, Powershell, Unix admin, SQL (PostgreSQL, SQL Server, Oracle, MySQL), Terraform, Ansible, Agile (Jira/Snow/Slack), RPA, Certified Clinical Laboratory scientist, Lab management, Clinical application support & DevOps, Full time work-from-home, Shade-tree boat mechanic

Time allocation estimates 2004 -> 2024

WORK EXPERIENCE

Senior Healthcare Data Engineer
Harmony Healthcare IT (prev. Trinisys) || 2021 → now
End-to-end clinical system archive projects with clients across the United States. SQL/ETL dev using in-house platform Convergence, Python/API development for custom EHR data extraction routines.

Solutions Development Senior Analyst
Ascension Technologies || 2016 → 2021
Mixed bag of Clinical app support , dev-ops, software development, technical liaison, fighting fires. 100% remote on a national team supporting 160+ hospitals across the U.S.

Software developer (consultant)
LenderClose || April 2019 → Oct 2019
Wrote flask-based API additions for a financial app with dev team. Developed AWS dev-ops strategy to deploy microservices (ECS). Some front end work (Riot/React).
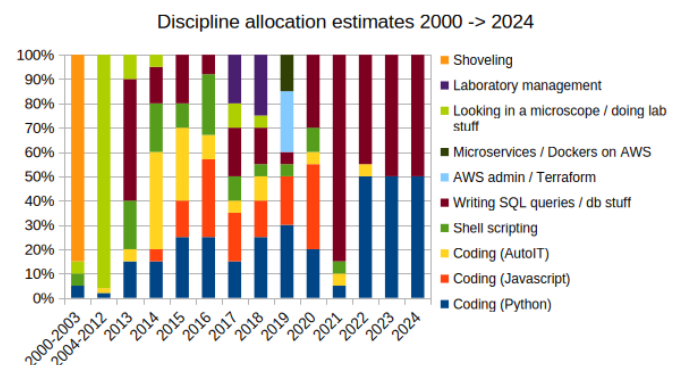
Application Analyst (+Technical)
Wheaton Franciscan Healthcare // 2013 → 2016
Supported laboratory information systems (McKesson + Mediware), registration, billing and medical coding apps. Wrote small custom apps for special needs. Tended to babysit anything with an AIX/HP-UX/Linux back-end.

Lab Manager
Specialty Screening || 2016 → 2018
Managed and operated a small CLIA certified lab as a side gig (10-15 hours a week). Wrote custom back-end report system (AutoIT + Crystal runtime).

Medical Laboratory Scientist
Aurora Healthcare || 2007 → 2015
Wheaton Franciscan Healthcare || 2004 → 2012
Maintained two independent MLS jobs at local hospitals (1st, 2nd, 3rd shifts), performing blood banking, hemotology, chemistry, etc. ASCP certified.

Discipline allocation estimates 2000 -> 2024

EDUCATION

Bachelors of Science
Michigan State University // 2001
Human Biology

Associate degree
Northern Michigan University // 2003
Clinical Lab Technology