

RYAN M. MCHUGH

SOFTWARE DEVELOPER

Mentorship & Leadership

Host calls for requirements questions and coordinate teams when developing complex features.

Lead Developer on CIRRAS. Host technical stand-ups among developers, manage requirements, orchestrate project-wide meetings and take on release preparation responsibilities.

'Battle Buddy' for onboarding co-workers. Answer questions and provide suggestions on development tasks and ease them into the team culture.

Marching Band

Trumpet section leader during grade school. Instructed and demonstrated techniques. Critiqued and coached individuals one-on-one through difficult musical passages.

PROFILE

Developing rapidly, leading proactively and making meaningful contributions to humanity.

EXPERIENCE

SOFTWARE DEVELOPER T3 — CACI International Inc [MAR 2023 - CURRENT]

Software Developer on both Defense Personal Property System (DPS), then MilMove for USTransCom. Daily work within a small-group scrum team that coordinates with 4 other development teams to modernize the front-end & business logic of large-scale production systems for moving the personal property of service members. Follow an extensive PR Process to ensure quality work. Write and analyze business acceptance criteria for stories.

MilMove

STACK: { Golang, React, Javascript, Jest, Playwright, Postgres, Claude + Local AI }

- ▶ Conduct code reviews as subject-matter-expert (SME) on @frontendreviewers team
- ▶ Introduce, coordinate and implement event-driven architecture pattern with notification backend orchestrated with AWS Cloud services
- ▶ Utilize AI/LLMs for quick iteration and ramp-up on unfamiliar technologies

DPS

STACK: { JavaEE, Java Server Faces (JSF), Java Server Pages (JSP), Oracle SQL, Jenkins }

- ▶ Conduct thorough code reviews for direct team members
- ▶ Break down features within decomposition documents as part of voluntary Decom team
- ▶ Assist in streamlining development environment setup and documentation clean-up

SOFTWARE DEVELOPER T2 — CACI International Inc [MAR 2021 - MAR 2023]

Assist then take on lead developer position in the development of maintenance/feature releases of the CIRRAS project under NIWC. Utilize previous experience to apply functional software design patterns. Progress from mid-level to lead developer backing 7 other developers. Conduct code reviews and discuss with requirements and testers for work approval. Plan



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sprint velocity and coordinate between various teams for testing and managing release items (sys-ops, dba, testers, help desk). Introduce production smoke testing into release cycle to alleviate unforeseen hiccups. Analyze Fortify scans and assist as developer liaison during STIG re-validation.

STACK: { Angular, TypeScript, Java, Spring & Hibernate, Apache Camel, JBoss, RHEL }

FREELANCE IOS DEVELOPER — UPWORK

[OCT 2020 - MAR 2021]

UI/UX Developer on native iOS application dealing with trading-cards for a start-up. Learned SwiftUI the weekend beforehand & followed MVVM approach that optimized testability. Built to-spec based on designer's mock-up in Adobe XD. Worked with backend developer to integrate internal API & resolve issues. Took on another contract with a client implementing the UI for an RFID-cracking tool targeted at penetration testers.

VOLUNTEER

IT and DEV-OPS for local non-profit organization advocating for bicycle and pedestrian safety. Manage Google Workspace instance with tasks to create new accounts and email groups, custom cron job scripting, event platform and website management. — bikewalksummerville.org

EDUCATION

BACHELORS DEGREE IN COMPUTER SCIENCE | CYBERSECURITY MINOR

MAY 2020 | CHARLESTON SOUTHERN UNIVERSITY

3.56 GPA

- Operating Systems | Computer Architecture (C, Verilog)
- Data Structures (C++) | Algorithms
- Database Management (MYSQL – Oracle Apex)
- Object Oriented Programming (Java) | User Interface Design (Ruby on Rails)
- Systems Analysis and Software Design (Documents, Diagrams)

CERTIFICATIONS



SECRET SECURITY CLEARANCE | JUNE 2021 (acquired)



AWS Certified Cloud Practitioner | DECEMBER 2027



CompTIA SECURITY+ Certified | AUGUST 2026



Certified SAFe® 6 Practitioner | MAY 2026



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