Rohan Gallagher

Application Security Engineer

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SUMMARY

Application security engineer with 4 years in software and AppSec, moving from Java development to securing 70 web and mobile apps. Runs SAST and DAST in CI/CD pipelines, leads threat modeling for new features and tests against the OWASP Top 10 with Burp Suite. Teaches developers secure coding practices through hands-on labs.

EXPERIENCE

Application Security Engineer

01/2024 - Present

Front Range Health Apps — Denver, CO

AppSec engineer at a digital health company with 160 developers and HIPAA-regulated data.

- Integrate SAST and SCA scans into **70** CI/CD pipelines, with tuned rules that keep false positives under 10%.
- Lead threat modeling sessions for 25 new features a year and log design risks before code is written.
- Perform manual penetration testing with Burp Suite on 12 releases, finding 3 critical access control flaws.
- Train 160 developers on secure coding practices in quarterly labs, reducing repeat findings by 45%.

Software Engineer

06/2022 - 12/2023

Mile High Commerce Labs — Boulder, CO

Backend developer for an online marketplace serving 2M monthly users.

- Developed Java and Python APIs for checkout and payments handling 40,000 orders a day.
- Fixed 60 OWASP Top 10 issues found in DAST scans, including SQL injection and broken authentication.
- Added shared input validation and output encoding libraries that 8 product teams now use.
- Reviewed 15 pull requests a week against a security checklist the team adopted as its standard.

Software Engineering Intern

05/2021 - 08/2021

Boulder Trailhead Maps — Boulder, CO

Summer internship at a small outdoor navigation app company.

- Built a Java REST endpoint for trail condition reports used by 50,000 app users a month.
- Wrote 120 unit tests that raised coverage on the reporting service from 48% to 81%.
- Corrected 15 input validation bugs flagged by the code scanner before the summer release.

SKILLS

Application Security • SAST

DAST • OWASP Top 10

Threat Modeling

Penetration Testing

Burp Suite • CI/CD Pipelines

Java • Python

EDUCATION

Bachelor of Science

05/2022

University of Colorado Boulder

Boulder, CO

Computer Science

CERTIFICATES

GIAC Web Application Penetration Tester (GWAPT)

GIAC

05/2025