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Powering DevSecOps with DevSecTrust

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Agenda

- What is DevSecOps

- What are the Benefits

- Implementation Challenges

- Role of Leadership

- DevSecTrust

- Securing Entire SDLC

- Measuring Success

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What is DevSecOps?

- Integrates security early and often

- If done right, results in more secure code with minimal (or ideally, no) affect on speed

- Ineffective if implemented poorly, or without the right culture in place

- Can result in wasted energy and wasted budget

Implementation Challenges

Cultural resistance

Skills gap

Tool Integration

Automation Complexity

Maintaining Developer Experience

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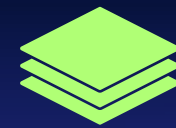# The Role of Leadership

VP of Development

CISO

DevOps Lead

AppSec Lead

Enterprise Architect

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The Role of Leadership

SUCCESSFUL
DevSecOps

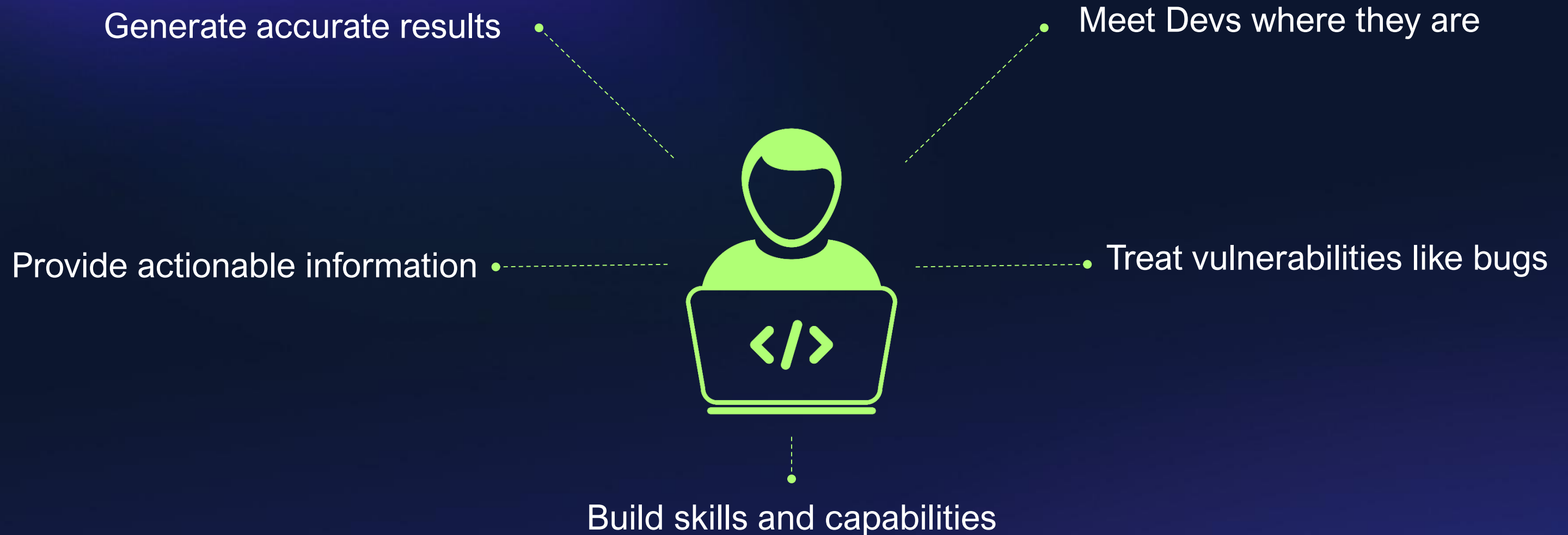# Components of a Strong DevSecOps Program

- ✔ Automate everything
- ✔ Develop and grow skills
- ✔ Measuring for success
- ✔ Infrastructure as Code
- ✔ Continuous monitoring

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DevEx: Building Developer Trust

Generate accurate results

Meet Devs where they are

Provide actionable information

Treat vulnerabilities like bugs

Build skills and capabilities

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Checkmarx Powers Successful DevSecOps

- ✔ Automatic scans

- ✔ IDE & Ticketing integration

- ✔ Comprehensive Coverage & Highly accurate results

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Measuring Success

Productivity

- **Lines of Code (LOC)**: Total lines of code written or modified
- **Commits Per Day**: Number of code check-ins or commits per day

Operational Metrics

- **Uptime/Availability**: Proportion of time the system is operational and available
- **Incident Frequency**: Number of operational incidents or outages
- **Time to Recovery**: Time taken to recover from a failure or incident

Security Metrics

- MTTD
- SLAs
- MTTR

Questions?

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Securing the Applications Driving Our World