EMILY BARTLETT

EMILY@EMILYBARTLETT.ORG   408-707-8684

SECURITY | ENGINEERING | COMMUNICATION | ARTS | INNOVATION

I am an accomplished, hands on technical leader and executive with 11 years at Apple Inc. in a variety of research, engineering and leadership roles, bridging technology, security, community engagement, and the creative arts. I successfully combined strategic vision with technical expertise to develop secure and scalable solutions, develop and lead dynamic teams, and foster impactful community initiatives. I am skilled at effectively communicating complex concepts across diverse organizational levels, driving alignment and and understanding, ensuring successful project execution.

Core Competencies:
- Strategic Leadership in Security and Technology
- Creative and Innovative Solution Design
- Advanced Data Management and Secure ETL Processes
- Full Stack Application Development
- UI/UX Design
- Civic and Community Engagement

PROFESSIONAL EXPERIENCE

Trestle Collaborative | Security Engineer   Remote | 2024 - Present

- Providing Virtual Chief Information Security Officer (CISO) and Chief Technology Officer (CTO) services, ensuring strategic oversight in complex security environments.
- Designing secure, high-volume ETL pipelines supporting civic engagement, voter data management, and election analytics.
- Developing highly secure infrastructure environments for at-risk clients.
- Creating comprehensive Threat Assessment Reports and Information Security policies.

The Yes Collective, LLC | Founder & CEO   Bolinas, CA | 2019 - Present

- Developing multilingual, real-time translation software and emergency alert systems to facilitate inclusive community communications and response. (messagestationmaker.com)
- Designing (UI/UX) and Developing(Swift, Python, Go, React, TypeScript) applications and solutions.

Bolinas Civic Group | Founder & Executive Director   Bolinas, CA | 2023 - Present

- Initiated community-driven projects to enhance civic engagement, transparency, and leadership effectiveness.
- Developed and managed digital platforms, including websites and email communication channels tailored for community engagement.
- Led cross-organizational nonprofit collaborations and grant initiatives, creating adaptive strategies addressing evolving community needs.
- Organized and facilitated large-scale community forums to promote collaboration and community dialogue.

Apple, Inc. | Senior Manager, Security Engineering   Cupertino, CA | 2017 - 2019

- Directed security engineering teams responsible for developing systems supporting application assessment, asset management, and vulnerability remediation.
- Secured Apple's infrastructure through robust vulnerability management practices and tools.
- Acted as compliance expert for standards including PCI, SOX, HIPAA, FERPA, ISO27000, and WebTrust.

- Delivered strategic risk assessments and plans to senior executives, significantly enhancing organizational security posture.
- Improved security practices within software development lifecycle (SDLC) by integrating effective tools and vulnerability management strategies.
- Managed diverse teams delivering complex security projects with cross-functional coordination.

Apple, Inc. | Engineering Manager, Retail Systems   Cupertino, CA | 2014 - 2017

- Led a Research & Development team, designing secure, innovative, user-friendly solutions, deployed to all Apple Retail Employees
- Managed diverse teams including senior engineers, designers, project managers, and technical writers.
- Coordinated with internal stakeholders—engineering, audit, security, and finance—to ensure solutions met business and compliance objectives.
- Executed strategic planning for capital investments, aligning product development with Apple's design principles.

Apple, Inc. | Senior Engineer, Retail Systems   Cupertino, CA | 2011 - 2014

- Developed enterprise-level asset management solutions used globally by over 50,000 employees to track more than 1.5 million assets.
- Created cross-platform software to simplify complex inventory and asset management tasks.
- Designed and implemented secure, scalable infrastructure supporting critical operational processes.

Apple, Inc. | AV Software Infrastructure Engineer   Cupertino, CA| 2009 - 2011

- Built scalable audio and video infrastructure solutions for Apple's global retail operations.

SKILLS

Security & Compliance: Security Engineering | Information Security Policies | Secure ETL & Data Processing | SIEM Systems | Critical Infrastructure Protection | Incident Response & Risk Analysis | Regulatory Compliance (PCI, SOX, HIPAA, FERPA, ISO27000)

Technology & Engineering: Cloud Infrastructure | Python, Go, Swift, React, TypeScript Development | Cross-Platform Application Development | Systems Architecture | Asset & Inventory Management | Data Visualization | Real-Time Systems | Infrastructure as Code

Leadership & Management: Strategic Leadership | Virtual CISO & CTO Roles | Project & Program Management | Agile Methodologies (Scrum Master, Product Owner) | Business Continuity Planning | Stakeholder Engagement | Visionary Communication

Creative & Communication: UX/UI Design | Multilingual Communication Systems | Real-Time Translation | Emergency Communications | Audio, Video, & Lighting Engineering | Creative Project Management | Public Speaking

Community & Civic Engagement: Civic Leadership | Community Engagement | Cross-Organization Collaboration | Grant Writing & Development | Problem-Solving