Kyle Kennedy

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EDUCATION

Appalachian State University   Boone, NC
Bachelor of Science in Computer Science   *Aug. 2017 - Dec. 2022*

PROFESSIONAL EXPERIENCE

Mountain Dev   Boone, NC
Technical Lead   *November 2025 - Present*

Tensorflow: TensorFlow is an open source software library for numerical computation using data flow graphs; primarily used for training deep learning models.

Apache Beam: Apache Beam is a unified model for defining both batch and streaming data-parallel processing pipelines, as well as a set of language-specific SDKs for constructing pipelines and runners.

ECR Software Corporation   Boone, NC
Full-Stack Software Engineer III   *January 2023 - October 2025*

Career Growth: Promoted twice in under three years, advancing from Junior to Expert based on technical ownership and consistent delivery.

Mobile Development: Led end-to-end mobile app lifecycle as sole engineer for iOS and Android, reducing crash rates by 25% and ANR rates by 50% while serving 1,500+ regular users.

Security: Eliminated 90% of critical (CVSS score of 9.0+) vulnerabilities across 5+ applications by implementing NexusIQ and enforcing secure CI/CD pipelines.

Code Quality: Reduced technical debt by 60% (measured via SonarQube); increased unit test coverage from 0% to 40% on legacy Java codebase (300k+ LoC).

Build Optimization: Implemented Maven build optimizations and dependency management improvements, reducing build times by 33% from 2 hours down to 80 minutes.

Client Engagement: Represented engineering at annual customer conferences, presenting roadmaps and translating client feedback into development priorities.

SKILLS, TOOLS, AND TECHNOLOGIES

Languages: Java, Python, SQL, JavaScript,   **Frameworks**: AWS, Play, React, Kafka, GCE

AWARDS

ECRS Rookie of the Year Award 2023: Peer-voted award given to the top performing new hire for the year.

ECRS Values MVP Award Q2 2023, Q1 2024: Peer-voted award given quarterly to the employee who best exemplifies the company values.