Kevin Andryzak | Elmhurst, IL, 60126

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Summary

Experienced Full-Stack Developer with expertise in developing and managing web and mobile applications. Proficient in front-end and back-end technologies, including Angular, TypeScript, .NET, C#, Node.js, and Python. Demonstrated success in AI and machine learning projects, particularly in predictive analytics and natural language processing. Proven ability in creating and deploying scalable, robust solutions for iOS and Android platforms using Swift, Java, and C++. Adept at leveraging cloud infrastructure (AWS, Google Cloud) to enhance performance and reduce costs. Strong foundation in blockchain technology, data pipelines, and API development. Committed to continuous learning and innovation, with a Bachelor of Computer Science from Southern New Hampshire University and a Google Cloud Professional Data Engineer certification.

Professional Experience

Kokomo Solutions, Northbrook, IL   April 2022 - present
Software Developer

- **Android Application Development:** Developed iOS and Android applications using Java, Swift, and C++, emphasizing continuous learning and team collaboration.
- **AI Predictive Analysis Dashboard:** Developed an AI predictive analysis dashboard using MySQL, Python, and Angular, which increased student attendance rates by greater than 25% by providing educators with actionable insights and targeted intervention strategies for at-risk students.
- **Designed and Developed:** Created a robust data pipeline using Node.js and Kafka, enhancing scalability and reliability through advanced features such as message partitioning, replication, and compression.
- **Led Integration Initiatives:** Spearheaded digital assistant integration projects, employing Natural Language Processing (NLP) via API connections to OpenAI technologies, significantly improving user experience and support system sophistication.
- **Blockchain Contribution:** Developed blockchain-based solutions that improved transaction processing speed by 25%, while implementing advanced security measures that reduced fraud incidents by 30%, enhancing overall system integrity and trustworthiness.
- **TypeScript and Angular Proficiency:** Developed innovative front-end solutions using TypeScript and Angular, enhancing user interfaces and experiences, while fostering open-source collaboration and streamlining project workflows with Git and CI/CD tools.
- **C# Back-End Development:** Developed scalable and secure web services and APIs with C# and .NET, enhancing system reliability by 40% and reducing API response times by 20%, contributing to a more responsive and robust backend architecture.
- **Mobile App Development:** Developed iOS and Android applications using Java, Swift, and C++, increasing user engagement by 40% and reducing app crash rates by 15% through rigorous testing and continuous performance optimizations.
- **API Development:** Built and managed scalable, reliable RESTful APIs using Node.js and Express.js, and crafted robust backend solutions with Django and C# to align with project requirements.
- **Cloud Infrastructure:** Implemented AWS cloud infrastructure for hosting applications and databases, leading to a 25% reduction in hosting costs and a 30% improvement in application response times through optimized resource allocation and scaling strategies.

Skills

- **Programming:** Python, Java, C++, HTML, Angular, CSS, JavaScript, TypeScript, React, C#, .NET, Node.js, Ruby, Swift, Spring Boot
- **Data:** Pipelines, SQL, Spark, Kafka, ETL Pipelines, Hadoop, MongoDB, MySQL, Big Data, MapReduce, Docker
- **Operating Systems:** IOS, Windows, Linux
- **Cloud Computing:** Google Cloud Platform, AWS, Lambda, Cognito

Education

- **Bachelor of Computer Science**, Southern New Hampshire University

Certifications

- **Google Cloud Certified, Professional Data Engineer**