Kevin Mui

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EDUCATION

University of Wisconsin-Madison | 3.75/4.0 GPA   **Sept 2015 - May 2019**
B.S. Computer Science & Computer Engineering | Graduated with Distinction   *Madison, WI*

EXPERIENCE

CME Group   **Jun 2019 - Present**
Software Engineer III   *Chicago, IL*
- Developed high-volume risk management apps in Java Spring and JavaScript for CME Clearing House and quants, focusing on margining, pricing, and asset type calculations.
- Led the migration of 5+ on-prem Java microservices to Google Cloud Platform (GCP) as cloud-first initiative.
- Achieved a 30% reduction in on-call incidents by implementing failover strategies across multiple regional zones.
- Adopted Infrastructure as Code, increasing deployment frequency from every 3 months to weekly, saving 8 hours per deployment.
- Optimized memory usage by 20% through the implementation of distributed database caching and batch processing.
- Introduced end-to-end testing on daily microservice builds, reducing production bugs by 40% and ensure meeting daily cycle SLAs on time.

DataChat Inc.   **Sept 2017 - Sept 2021**
Full Stack Engineer (Part-time)   *Madison, WI*
- Architected a React chat app, integrating natural language processing for data analysis.
- Implemented an auto-suggestion UX powered by generative AI, enhancing responsiveness by 25%.
- Developed a Python data visualization backend, supporting over 10 chart types.

University of Wisconsin-Madison   **Sept 2016 - Mar 2024**
Full Stack Engineer (Part-time)   *Madison, WI*
- Developed web and mobile psychology experiments, collecting millions of data points for publications.

Acuity Insurance   **Jun 2018 - Aug 2018**
Programmer Intern   *Sheboygan, WI*
- Engineered a web app for customer data, improving page load by 70% compared to the legacy website.

SKILLS

- <u>Tech Stack:</u> Java, Spring, SQL, Python, JavaScript, TypeScript, GCP, Docker, Kubernetes, Linux, Postgres, Cassandra, Redis, Oracle, Kafka, React, Redux, Node.js, React Native, AWS, Azure, Git
- <u>Skills:</u> CI/CD, Cloud, Microservices, RESTful API, Automation, Load Balancing, Scrum, Agile, Jira, Design Patterns, Scalability, Data Structures, Algorithms, Software Development Lifecycle, Splunk, Argo, Communication, MVC, Performance Testing