

Hamit Kaya

Location: Boston, MA, USA **Contact:** contact@hamitkaya.com | 3515292786 | [linkedin.com/in/hamitkaya](https://www.linkedin.com/in/hamitkaya)

Professional Summary Innovative Software Engineering Manager with 7+ years of experience in software development and data systems, including 3+ years leading engineering teams. Proven track record of developing scalable software and AI-driven solutions. Deep expertise in Machine Learning, Deep Learning, and NLP. Highly skilled in modernizing legacy product data systems into AI-driven platforms and deploying ML models in production on cloud platforms including Azure and AWS. Passionate about accelerating engineering workflows and driving team efficiency using AI-assisted development tools (Cursor AI, Claude, Copilot) and agentic workflows.

Technical & Leadership Skills

- **Leadership & Strategy:** Strategic Planning , Conflict Management , Agile Methodologies , Cross-functional Team Coordination.
- **Cloud & DevOps:** Azure, AWS, GCP, Docker, Kubernetes, Jenkins, CI/CD.
- **Data Systems & Pipelines:** Apache Kafka, Apache Airflow , Snowflake, Hadoop , PostgreSQL, MySQL, MongoDB , ETL Optimization, Data Warehousing.
- **AI & ML Engineering:** Claude, GPT, Llama , LangChain, OpenAI API , TensorFlow, PyTorch, Cursor AI, GitHub Copilot.
- **Backend & Microservices:** FastAPI, Spring Boot, RESTful APIs , Node.js , Python, Java.
- **Domain Expertise:** eCommerce Platforms, Product Information Management (PIM), Legacy System Modernization, Third-Party ERP/CRM Integrations.

Professional Experience

Action Starters *Chief Technology Officer | Boston, MA | Mar 2025 – Present*

- Coordinated cross-functional teams to develop features that streamline research collaboration through automated systems and data-driven insights.
- Led the integration of advanced AI solutions to enhance team collaboration and support Agentic AI functionalities.
- Established a platform to connect research teams with grants and collaborative opportunities, driving innovation in technological projects.

Kayment *Research and Development Project Manager | United States | Feb 2023 – Present*

- Managed the full project lifecycle using Agile methodologies.
- Coordinated cross-functional teams to ensure on-time delivery of high-quality solutions aligned with business goals.
- Spearheaded secure data infrastructure development, implementing robust data pipelines and databases for seamless data management and real-time analytics.

- Integrated AI tools into business workflows, streamlining operations and automating key processes, resulting in a ~25% increase in operational efficiency.
- Built scalable AI-driven microservices using FastAPI, achieving production-grade reliability for business-critical applications.
- Developed full-stack software solutions for online retail and import/export clients, optimizing operations and enhancing customer satisfaction.

Best Western Associate Data Engineer | Seabrook, NH | May 2022 – Jan 2023

- Designed automated ETL pipelines using Apache NiFi and SQL, reducing manual data processing tasks by 50% and improving data accuracy.
- Leveraged AWS cloud services for data processing and storage solutions, significantly enhancing system scalability and performance.
- Developed RESTful microservice APIs using FastAPI and Spring Boot, improving system response times by ~25%.

Moulton Hotel Inc Frontend Manager | Hampton, NH | May 2019 – Sep 2022

- Led daily frontend operations in a high-volume hospitality environment while implementing technology-driven solutions.
- Collaborated with full-stack developers to design and integrate a custom management system, real-time API, and AI-powered chatbot.
- Spearheaded AI integration projects that automated routine tasks and predictive analytics, leading to significant operational improvements.
- Trained and guided staff on the use of newly integrated technologies, fostering a culture of innovation.

Education

- **Master of Science in Information Technology** | Southern New Hampshire University | GPA 4.0
- **Bachelor of Business Administration** | Abdullah Gül University