

**Gozde E. Baran**

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**Dear Hiring Manager,**

I am writing to express my interest in Full Stack Developer opportunities. As a Software Engineer with hands-on experience building scalable, AI-enabled applications and distributed systems, I am excited about contributing to teams that value performance, clean architecture, and impactful product development.

In my current role at Goldenfinch AI, I am designing and developing a full-stack, AI-integrated platform on AWS using microservices and event-driven architecture. I work across the entire stack—building backend services with FastAPI, developing mobile interfaces with React Native, and deploying scalable infrastructure using AWS services such as Lambda, ECS, API Gateway, and EventBridge. I have also implemented a RAG-based recommendation system using vector databases and semantic retrieval techniques to support real-time, intelligent user experiences.

Previously, at AiDeal Technology and George Brown College's Research & Innovation Center, I engineered a production-grade computer vision system for defect detection, achieving over 97% accuracy. I built and deployed high-performance backend services and integrated machine learning pipelines into user-facing applications, ensuring both scalability and reliability in real-world environments.

I bring strong full-stack capabilities, with proficiency in Python (FastAPI), TypeScript/JavaScript, and modern cloud-native architectures. My experience includes designing RESTful APIs, working with relational and NoSQL databases, implementing asynchronous workflows, and deploying applications using CI/CD pipelines. I am particularly passionate about building systems that are not only functional but also scalable, maintainable, and aligned with real user needs.

In addition to my professional work, I am completing my Advanced Diploma in Computer Programming & Analysis at George Brown College, where I have maintained a strong academic record. I also work as a mathematics tutor, which has strengthened my ability to communicate complex technical concepts clearly and effectively.

I am highly motivated, detail-oriented, and comfortable working in fast-paced, collaborative environments. I take pride in meeting deadlines, adapting quickly, and contributing to large-scale projects with a strong sense of ownership.

I would welcome the opportunity to bring my skills and enthusiasm to your team. Thank you for your time and consideration.

**Sincerely,**

Gozde E. Baran