Sangwon An

No sponsorship required.
1+ years of experience in backend development with Java and AWS.

PROFESSIONAL EXPERIENCE

Software Engineer - **Amazon, Seattle, WA**   **Feb 2022 - Mar 2023**

- Engineered a **bulk employee onboarding service** using Java, AWS Lambda, and DynamoDB, reducing onboarding time by 50%, automating data ingestion via CSV.
- Designed and implemented a microservice for the **User Lifecycle Management system**, ensuring seamless data flow through RESTful APIs and backend automation for third-party warehouse integrations (e.g., Nike).
- Developed and maintained backend services using Amazon's Coral **framework**, **enhancing system performance** and **automating workflows** to reduce manual intervention.
- Improved **frontend service visibility**, collaborating with cross-functional teams and delivering improvements within tight deadlines.
- Built a **scalable** leaderboard system using **AWS DynamoDB**, showcasing expertise in database design, data modeling, and user engagement tracking.
- **Reviewed** code and provided technical mentorship to peers, contributing to improved development standards and successful project deliveries.
- **Utilized AWS CloudWatch** to proactively monitor system performance and configured alerts for timely issue resolution, increasing system uptime.
- **Mentored** by and **collaborated** with numerous senior cross-disciplinary Amazonians in product and service conception and design, gaining valuable insights and skills, contributing to innovative and well-designed solutions.
- **Led** the **development** of a game service in the ATA program, enabling real-time AI competition for players. Achieved successful project completion by designing the service architecture, developing the service skeleton, and guiding the team in implementing features, testing, and debugging.

PROJECTS

- **GatherRing(Event Meetup) Webpage** (2023) *Python/Django, AWS Elastic Beanstalk, S3, RDS, CodePipeline, IAM* Python/Django social app to simplify event planning and foster community engagement.
- **Open Source AI Hackathon** (2024) *OctoAI(LLM)* to streamline reading terms and conditions, highlighting key points to save user time and improve focus.

Contact

Lynnwood, WA

aswton@gmail.com

[GitHub](#)

(sangwona.github.io)

[LinkedIn](#)

(linkedin.com/in/sangwon-an)

TECHNICAL SKILLS

- **Languages:** Java, Python
- **Frameworks & Libraries:** Django, Springboot, Mockito, JUnit
- **Cloud Computing:** AWS (Lambda, DynamoDB, CDK, S3, Elastic Beanstalk, Step Function)
- **Tools:** Git, Docker, Restful API, HTML/CSS
- **Testing:** Unit Testing, Integration Testing
- **Database:** Database Design, DynamoDB, RDS

EDUCATION

Bachelor of Science in Computer Science
National University of Chungbuk

Hobby

- **Board Games**
- **Reading**
- **Attending Events**