

Ahmed, Mohammed

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Upcoming computer science graduate from Yonsei University, with over five years of hands-on coding experience. Passionate about problem-solving and software engineering. Actively seeking positions in software development or AI research to further enhance technical skills and industry knowledge.

EDUCATION

Yonsei University

Bachelor of Computer Science, College of AI.

Expected Graduation: February 2026.

GPA: 3.1

Relevant Coursework: *Data Structures & Algorithms, Artificial Intelligence, Database Systems, Operating Systems, Computer Vision, Computer Networks, Information Security.*

Seoul, South Korea

March 2022 ~ Present

EXPERIENCE

Freelance

Software Developer

Online

March 2020 ~ Present

- Developed full-scale websites from scratch using a wide variety of front-end and back-end frameworks.
- Designed and implemented robust APIs utilizing Python, SQL and NoSQL databases, and GraphQL.
- Built cross-platform mobile applications with React Native and Flutter with ideal user experience.
- Deployed, managed, and tested web servers on AWS and other hosting platforms.

Archflow

Full-Stack Engineer

Seoul, South Korea (Hybrid)

July 2024 ~ November 2024

- Developed the front-end of an AI-powered architectural floor plan design platform using Next.js.
- Built scalable and reusable front-end components using TypeScript for future use, improving codebase efficiency and modularity.
- Developed custom OpenStudio functions in Python to simulate and analyze HVAC system performance for a wide range of scenarios.
- Provided technical insights and recommendations on technology stack selection.

RELEVANT SKILLS

- Proficient in Agile development, CI/CD pipelines, version control with Git, and collaboration tools.
- Experienced with AWS services including EC2, S3, Lambda, RDS, and SageMaker.
- Skilled in Linux systems, bash scripting, and cybersecurity.
- Experienced with AI development, including LLMs, natural language processing, and generative AI.
- Fluent in Arabic (native) and English (C2), with professional proficiency in Korean (TOPIK 6).

AWARDS

- Yonsei University, College of AI Merit-Based Grant* - Awarded for academic excellence and active participation in extracurricular activities during the Spring 2024 semester.
- Yonsei University Academic Excellence Award* - Recognized for outstanding academic performance in the Fall 2022 semester.