

# Yahya Ahmed

## BackEnd Devolper

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Dedicated Full Stack Developer with expertise in both frontend and backend technologies. Proficient in HTML, CSS, JavaScript, Bootstrap, Python, and Java. Specialized in Python Django, with hands-on experience in static files, models, settings, admin, URLs, views, apps, and templates. Skilled in version control (Git/Gitflow), unit testing, and building for different operating systems. Solid understanding of Linux fundamentals, object-oriented programming in Python and Java, and data structures. Excels in problem-solving, design patterns, and has a comprehensive knowledge of network basics, concurrency, APIs, and databases (MySQL). Familiar with Docker containers, cloud platforms, and security best practices.

## Experience

- Developed and maintained scalable web applications using Python, Django, and MySQL for various domains including job board websites, e-commerce platforms, restaurants, and order management systems.
- Worked closely with front-end developers to implement new features and bug fixes, ensuring seamless integration between the front-end and back-end systems.
- Optimized database performance and implemented caching mechanisms to improve overall application speed and responsiveness across different projects.
- Ensured the security of all web applications by following best practices and conducting regular security audits, maintaining data integrity and protecting against potential vulnerabilities.
- Worked on a team to implement a new feature that improved the performance of the company's website by 20%, contributing to enhanced user experience and increased customer satisfaction.
- Learned about the company's codebase and development process, adapting quickly to new technologies and methodologies to meet project requirements and deadlines effectively.

## Technical Skills:

- Frontend: HTML, CSS, JavaScript, Bootstrap, AJAX (Asynchronous JavaScript and XML), JSON (JavaScript Object Notation)
- Backend: Python, Java, Django
- Version Control: Git, Gitflow
- Testing: Unit testing
- Build: Build processes for different operating systems
- Operating Systems: Linux (basic proficiency)
- Data Structures: Array, Stack, Queue, Hash Table, Trees, Heaps, Graph
- Problem Solving: Strong analytical and problem-solving skills
- Design Patterns: Familiar with common design patterns
- Networking: Basics of network protocols
- Concurrency: Understanding of concurrent programming
- API: API development and integration
- Database: MySQL
- Containers: Docker
- Cloud: Cloud platforms (mention specific ones if applicable)
- Security: Code security best practices

## Education

- University of Arap Open 2024
  - Bachelor of Science in Computer Science

## Skills

- Coding
- Security System
- Communication Skill
- Problem-solving
- Creativity
- Time Management
- Eye for Detail