

# Abdulmajeed Kabala

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## EDUCATION

### Kennesaw State University

Bachelor of Science in Computer Science

Kennesaw, GA

Expected Graduation, Dec 2025

- **Concentrations:** Artificial Intelligence
- **Related Coursework:** Data Structures & Algorithms, Computer Organization & Architecture, Fundamentals of Data Communication, Programming & Problem Solving I and II, Linear Algebra, Probability & Data Analysis

## SKILLS

**Programming Languages:** Java, Python, C#, JavaScript, HTML, CSS, C++, SQL

**Tools & Libraries:** Git, GitHub, MongoDB, Django, Node.js, React.js, MySQL, IntelliJ, Visual Studio, Visual Studio Code

## EXPERIENCE

### HeadstarterAI

July 2024 – Present

Software Engineer Fellow

Remote, US

- Developing over 5 artificial intelligence applications and APIs using Next.js, OpenAI, Pinecone, and StripeAPI at 98% accuracy.
- Working with a team of 4+ software engineer fellows to develop projects from design to deployment, utilizing MVC design patterns.
- Analyzing and testing machine learning models, and conducting experiments and tests to evaluate effectiveness and accuracy of the algorithms and model.

### CodePath

June 2024 – Present

Technical Interview Prep

Remote, US

- Attend weekly sessions to learn about data structures and algorithms fundamentals.
- Participate in bi-weekly pair programming sessions to enhance collaboration skills with over 100 different team members of varying coding abilities.
- Learn interview best practices including using code walkthroughs, answering questions using the STAR method, and explaining solutions to a team.

## PROJECTS

### Movie Catalog | Javascript, Node.js, MongoDB, HTML, CSS

[Github Repository](#)

Web Application

- Developed a full-stack web application that allows users to search for over 10,000 movies, view details, and post reviews, utilizing HTML, CSS, Javascript, Node.js, and MongoDB.
- Integrated TheMovieDatabase API to fetch and display comprehensive movie information for over 10,000 movies.
- Implemented a responsive and user-friendly front-end interface using HTML, CSS, and JavaScript, enabling dynamic rendering of movie data based on user search queries.
- Utilized MongoDB to store TheMovieDatabase's movie information and to store, retrieve, update, and delete user-generated movie reviews, ensuring efficient data management and scalability.

### Calorie Counter | Python, Javascript, HTML, CSS

[Github Repository](#)

Web Application

- Built a web application using Python, JavaScript, HTML, and CSS to display nutritional values for over 1000 selected foods.
- Integrated API Ninjas to fetch accurate caloric and nutrient data over 1000 of food items.
- Utilized Chart.js library to visualize nutrient composition through interactive charts and graphs.
- Created a Python function that calculates the duration of exercise required by different activities to burn the calories consumed by eating a given food.

## ACTIVITIES AND LEADERSHIP

### Masjid Ibad-Ur-Rahman

Aug 2022 – Current

Youth Leader

Marietta, GA

- Leader of an organization of 100+ members, hosting religious events, and uniting the youth in Metro Atlanta.