

# Mohammad Aliyaan Zahid

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## PROFESSIONAL SUMMARY

Innovative self-taught software developer with a passion for problem solving and design. Specializes in full-stack development, solution architecture, project vision, JavaScript, Python, and other web and software technologies. Recognized for leadership abilities and successful project deliveries.

## TECHNICAL SKILLS

- **Programming Languages:** Python, Java, C, C++
- **Web Technologies:** HTML, CSS, JavaScript (React.js, Node.js, Angular.js, Ember.js, Next.js, Tailwind CSS), Firebase, SvelteKit
- **Databases:** MySQL, SQLite, MongoDB, PostgreSQL, Prisma ORM
- **Tools/Frameworks:** Git, Docker, Flask, Visual Studio Code, Eclipse, MATLAB, Firebase, Django
- **Cloud Platforms:** AWS (EC2, S3),

## EDUCATION

**University of Maryland Baltimore County – Baltimore, MD**

Bachelor of Science in Information Systems

Minor: Computer Science

**Dec 2025**

Cumulative GPA: 3.41 /4.00

## EMPLOYMENT EXPERIENCE

**UMBC Chesapeake Employers Insurance Arena** | Operations Team | Baltimore, MD

**Sept 2024 – Present**

- Setting up the arena and multipurpose spaces, standby shifts of concerts, special events, and basketball games
- Breaking down the arena and multipurpose spaces, standby shifts of concerts, special events, and basketball games

**Nokia Al-Saudia** | Software Developer Intern | Riyadh, Saudi Arabia

**June 2023 – Aug 2023**

- Collaborated with cross-functional teams to design, develop, and test software solutions.
- Developed application in 2-week sprints while incorporating client feedback with in-person tests.
- Gained hands-on experience with core Java concepts, including Object-Oriented Programming (OOP), "Data Structures and Algorithms", "Java Collections Framework", "Exception Handling".

**Helping Hand NGO** | Remote IT Support | Lahore, Pakistan

**April 2021 – Aug 2021**

- Assisted in implementation of secure data management for the charity using Air table an affordable yet secure & scalable data management solution.
- Maintained and troubleshooted network systems used in organization processes

**Masem Hotel Suites** | IT Assistant | Riyadh, Saudi Arabia

**Dec 2020 – March 2021**

- Managed front desk operations, including check-ins, and inquiries using proprietary software.
- Maintained technical documentation and software usability reports.

## PROJECTS

**CarePulse Healthcare App** | Personal Project | Baltimore, MD

**Feb 2025 – March 2025**

- Developed a scalable healthcare management platform using Next.js, Appwrite, and TypeScript, enabling secure patient registration with advanced form validation and document uploads.
- Implemented an automated appointment scheduling system with Twilio SMS notifications, improving patient engagement and reducing no-show rates by 30%.
- Optimized administrative workflows by building an admin dashboard for managing 1,000+ patient records, streamlining appointment tracking and enhancing healthcare accessibility.

**To Do App** | Personal Project | Baltimore, MD

**Feb 2025**

- Developed a dockerized full-stack To Do application using Node.js, PostgreSQL, and Prisma ORM, enabling seamless task management with a scalable backend.
- Implemented JWT authentication for secure user access and session management, enhancing data protection and user privacy.
- Deployed the application using Heroku with two Docker container images, ensuring portability and efficient cloud-base deployment.

**Brogram** | Personal Project | Baltimore, MD

**Jan 2025**

- Developed a smart workout generation web app using React.js and Fanta.css, enabling personalized training plans for users of all experience levels.
- Implemented a rule-based workout algorithm that dynamically adjusts exercises based on user experience, environment, and fitness goals.
- Integrated the Local Storage API to store and persist user workouts, ensuring a seamless and consistent user experience across sessions.