

# Maaz Hussaini

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## TECHNICAL SKILLS

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- Languages: Java, C, C++, Python, JavaScript, HTML, CSS
- Platforms: Android Studio, NetBeans, Visual Studio Code, Git/GitHub/GitLab.
- Frameworks: React, CSS Bootstrap, Material UI, Stripe and more.
- Databases: MySQL, MongoDB, Firebase, AWS, PostgreSQL

## EDUCATION

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**B.S. Computer Science** – *Academic Excellence & Honors*  
*Farmingdale State College, Farmingdale, NY - GPA 3.8/4*

(Spring 2023)

**Diploma in Civil Engineering**  
*Maharashtra State BOTE, India - GPA 3.7/4*

(Spring 2018)

## PROJECTS

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### Android Accident Report Application (ASAP)

- Developed a secure Android Accident Report Application including user registration and emergency contact feature.
- Designed the application with user-centered focus, including a tutorial and emergency services access for easy use in emergency situations.
- Implemented efficient data management, storing over 50 accident reports, and providing PDF report generation with parties' data and images for insurance purposes.

### YelpCamp Web Application

- Developed a Yelp-like web-based application for camp site reviews using JavaScript and executed with Node.js, demonstrating expertise in full-stack web development.
- Utilized multiple CSS and JS frameworks to design the frontend, implementing a card-style layout for different camp sites, showcasing strong skills in front-end design.
- Implemented MongoDB for secure data storage, enabling user registration and login with Google authentication, and allowing users to leave reviews on the web application, demonstrating proficiency in database integration and security.

### Research in AI Navigation System (Ongoing)

- Designing Navigation AI algorithm to add multiple user criteria by implementing Neural Networks in Python.
- Developing new map data processing that can perform complex distance calculations faster by applying Layered Approach.

## WORK EXPERIENCE

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### Software Engineer

**B-Nimble LLC** (12/2022-present)

- Developed multiple software solutions, improving product functionality by 20% and customer satisfaction by 15%.
- Optimized code performance by reducing response time by 30% & increasing system capacity by 50% for higher user traffic.
- Collaborated within an agile framework, effectively managing the project's timeline, and delivering the website within a 2-month timeframe, meeting all project objectives.
- Demonstrated strong leadership skills by guiding a team of 3 engineers, fostering a collaborative environment, and achieving a 25% increase in team productivity while delivering 5 major software releases ahead of schedule.

### Deployment Technician (Northwell Health)

**Custom Computer Specialists** (6/2022-8/2022)

- Efficiently deployed software packages, including networking components, operating systems, and hospital applications, on over 200 end-user devices per month, ensuring seamless and timely implementation.
- Installed printer hardware and peripheral components to streamline workflow in hospital and clinic environments, and effectively integrated these components with existing software systems.
- Responsible for troubleshooting software and hardware failures, determining network problems, and minimized downtime by promptly resolving technical issues, contributing to a stable and efficient technology environment.

### Asst. Project Manager/Project Coordinator

**The Matrukh Group** (8/2020-5/2021)

- Successfully managed multiple public construction projects in New York with a combined value of over \$5 million, ensuring timely completion and maintaining control of budgets and timelines.
- Quickly addressed and resolved an average of 10 project-related issues per project through close collaboration with project members, leading to an overall project success rate of 95%.
- Prepared and reviewed over 50 cost estimates for public bids in the State of New York, resulting in 85% success rate.

References available upon request.