

JUSTIN BARLOWE

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WEB DEVELOPER | FULL STACK DEVELOPER | MEAN STACK DEVELOPER

SKILLS

JavaScript | NoSQL | MongoDB | Git/GitHub | Agile/Scrum | Node.js | HTML/CSS | Python | YAML/JSON | ExpressJS
| Web Development | Angular | Search Engine Optimization (SEO) | Single Page Applications | Compliance |
Leadership | Session Management | Web Applications | Software Documentation | Design Principles | Customer
Support | Network Engineering | Cyber Security | MS Office Applications | Active Directory

EDUCATION

Bachelor of Science in Web Development

4.0 GPA

Bellevue University - Bellevue, NE

Associate of Science in Emergency Medical Science

3.8 GPA

Fayetteville Technical Community College - Fayetteville, NC

PROJECT EXPERIENCE

Bob's Computer Repair Shop (2024)

- Designed and implemented a MEAN stack web application to enhance user experience and operational efficiency.
- Engineered a responsive, Gryffindor-themed web design using Bootstrap.
- Developed robust MongoDB schemas for user and invoice management.
- Conducted comprehensive user testing for iterative UI/UX improvements.
- Demonstrated seamless user interactions, dynamic content management, and real-time data updates.

Nodebucket (2024)

- Created a MEAN stack task management application with secure user authentication.
- Designed a dynamic task page with drag-and-drop functionality for task management.
- Utilized MongoDB for real-time task updates and persistent state.
- Implemented an intuitive, responsive user interface with Bootstrap.

Harnett County EMS Protocols (2023)

- Built a responsive Angular application for rapid access to EMS protocols.
- Leveraged Capacitor for enhanced mobile user experience and offline access.
- Designed a user-centric interface with quick search and update capabilities.

Other Projects (2022-2024)

- Developed JavaScript-based Discord bots for task automation and community interaction.
- Created Python applications for data analysis and automation using Pandas and NumPy.
- Engineered dynamic web applications using vanilla JavaScript for client-side functionality.

WORK EXPERIENCE

Paramedic – 40 Hours/ Week

Jan 2023 - Present

Harnett County EMS - Lillington, NC

- Responded to emergency calls and provide advanced life support care to patients in pre-hospital settings.
- Perform patient assessments, administer medications, and implement advanced airway management.
- Collaborate with healthcare professionals to ensure continuity of care during patient transport.

Medical Examiner – 48 Hours / Week / On Call

Sep 2018 – 2023

North Carolina Office of the Chief Medical Examiner – Raleigh, NC

- Conducted thorough investigations into cause and manner of death for cases within jurisdiction.
- Performed on-site examinations, collected evidence, and documented findings accurately.
- Collaborated with law enforcement, forensic experts, and other professionals during investigations.

Paramedic Supervisor - 40 Hours / Week

Jan 2022 - Jan 2023

Fort Bragg EMS - Fort Bragg, NC

- Oversaw up to 50+ medical personnel providing EMS services to Fort Bragg and coordinated resources, training, and collaboration with hospital, law enforcement, and other public agencies.
- Provided leadership to personnel, performed personnel disciplinary actions, assisted in executing organizational restructuring and process improvement activities.
- Provided ground emergency medical care for the residents of Fort Bragg (Now Fort Liberty).

Paramedic Supervisor – 40 Hours / Week

Oct 2014 – Jan 2022

Cumberland County EMS - Fayetteville, NC

- Oversaw up to 50+ medical personnel providing EMS services to Cumberland County and coordinated resources, training, and collaboration with hospital, law enforcement, and other public agencies.
- Provided leadership to personnel, performed personnel disciplinary actions, assisted in executing organizational restructuring and process improvement activities.
- Tactical Medic – Coordinated and provided medical coverage for local, state and federal law enforcement.
- Provided ground emergency medical care for the residents of Cumberland County.

Healthcare Specialist/Combat Medic - Active-Duty Army

July 2008 – June 2013

US Army – Fort Stewart, Georgia

- Served as NCOIC (Non-Commissioned Officer in Charge) of the Fort Stewart Soldier Readiness Center.
- Led pre-deployment medical screenings, including blood draws, immunizations, and hearing and vision tests for soldiers.
- Deployed to Iraq, providing frontline medical care and emergency response to combat units.
- Coordinated with medical personnel to ensure the highest standard of care in diverse and challenging environments.
- Maintained and managed medical equipment and supplies to ensure readiness for deployment and daily operations.
- Conducted training sessions for soldiers on basic first aid, combat lifesaver skills, and health and safety protocols.

References Upon Request