Qasim Bhutta

qasim.bhutta.jobs@gmail.com | Dallas, Texas | www.linkedin.com/in/qasim-bhutta | www.github.com/qasimb03
www.qasimbhutta.com

EDUCATION

The University of Texas at Dallas   **Expected Dec 2024**
Bachelor of Science in Computer Science   *GPA: 4.0*
- **Honors and Organizations**: Dean's List, ACM at UTD, Artificial Intelligence Society, Muslim Student Association
- **Coursework**: Machine Learning, Data Structures & Algorithms, Advanced Algorithm Design & Analysis, Stats & Probability, Software Engineering, Databases, Operating Systems, Computer Networks, Automata Theory, Discrete Math, Linear Algebra

WORK EXPERIENCE

Verizon   **Jun 2024 – Aug 2024**
Software Engineer Intern   Southlake, TX
- Iterated device auditing dashboard to deliver holistic device health information for expanding Verizon networks, increasing device auditing to over 20,000 devices.
- Reduced dashboard runtime and memory cost using advanced algorithmic concepts, resulting in 70% runtime reduction.
- Collaborated with other teams responsible for device management, increasing network performance visibility.
- Extracted information data sent by devices, creating distribution dashboards to identify faulty devices.

Verizon   **Jun 2023 – Aug 2023**
Software Engineer Intern   Southlake, TX
- Developed a comprehensive web-based network device auditing tool using React.js, Django, Python, and MySQL which increased missing device exploration by 75%, reduced exploration time by 85%, and reduced device downtime by 50%.
- Collaborated with over 10 teams to gather necessary information required to properly audit over 15,000 devices
- Integrated information from existing platforms, including Splunk, to provide detailed device statistics in a central platform.
- Showcased a real-time demonstration to over 50 senior executives and team representatives within the company, acquiring approval for application to be placed into production, leading to company-wide network performance improvements.

SKILLS

- Languages: Bash, C/C++, CSS, Git, HTML, Java, JavaScript, Python, SQL, UML
- Frameworks: React.js, Express.js, Node.js, Django, Tailwind, Spring Boot, React Native, Pandas, SDLC, Scrum
- Technologies: Artificial Intelligence, Machine Learning, GitHub, Windows, MacOS, Linux/Unix, Splunk, REST APIs, Postman, Virtual Machines, SQL Databases, NoSQL Databases

PERSONAL PROJECTS

QOTW – React Native, Spring Boot, PostgreSQL, JWT, Google Firebase, AWS RDS
- Developed a full stack mobile application using React Native, Spring Boot, PostgreSQL, Google Firebase, and AWS RDS, facilitating seamless user experiences across multiple platforms.
- Engineered a dynamic platform for fostering meaningful conversations through weekly questions, with commenting functionality for enhanced engagement.
- Implemented JWT-based authentication for secure user access, enabling profile customization and direct messaging features.

VirtualTA – React.js, Flask, Firebase, Firestore
- Developed a chatbot using React.js, Flask, and Firebase Firestore for seamless user interactions, chat history storage, and user feedback functionality.
- Enabled secure authentication using Firebase, enhancing security.
- Integrated Google Gemini API for intelligent responses and personalized recommendations, enhancing chatbot functionality and user engagement.

Exotic Car Rental Site – React.js, Express.js, Node.js, MongoDB, Firebase, Heroku
- Developed a full-stack car reservation app using React.js, Express.js, Node.js, and MongoDB.
- Integrated Firebase for secure authentication, enabling user sign-in and access to personalized features.
- Hosted the application on Heroku, ensuring reliable deployment, high availability, and scalability to meet user demands.

LEADERSHIP

Young Muslims   **Jan 2017 – Present**
Core Team, Outreach Team, Retreat Team, Secretary General of Dallas, Quality Control, Expansion Team   Dallas, TX
- Mobilized and collaborated with regional team to develop the spiritual, emotional, and intellectual well-being of over 200 youth across Dallas.
- Organized recreational outings, leadership training seminars, and weekly chapter events.
- Organized and executed clothing, food, and household item drives for underprivileged communities, distributing essentials to over 500 families in need, alleviating financial burdens during challenging times.
- Provided educational and life skill mentoring for 200 youth in communities with varying socio-economic status.

CERTIFICATIONS

- Oracle Cloud Infrastructure Foundations 2021 Associate   **Feb 2022 – Present**