ERAJ UZOQOV

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QUALIFIED & COMPETENT SOFTWARE ENGINEER & PROJECT MANAGER
SOFTWARE DEVELOPMENT LIFECYCLE (SDLC) | AGILE SOFTWARE DEVELOPMENT | IT PROJECT MANAGEMENT

Innovative Software Engineer with a strong background in data platform engineering and cloud-based solutions. Proficient in developing scalable software, operational tools, and optimizing data warehousing solutions. Adept at full-stack development, particularly in Java, SQL, and Linux environments. Committed to driving operational excellence and contributing to inclusive, high-performing teams.

CORE COMPETENCIES

- IT Teaching & Mentorship
- Cross-functional Collaboration
- General Coding & Programming
- Front-end & Back-end Components
- Data Analytics & Database Management
- Technical Customer Service/Communication
- Quality Assurance & Regulatory Compliance
- Project Proposal, Execution, & Management
- Process Improvements & Efficiency
- Strategic Planning & Tactical Execution
- Performance & Operations Improvement
- Team Building, Leadership, & Supervision

TECHNICAL SKILLS

Programming Languages: Java (*proficient*), Python (*proficient*), SQL (*proficient*), C/C++ (*proficient*), C# (*proficient*), JS (*intermediate*)
Other: Cloud Services (AWS, Azure), Linux/Unix, Web Development, Data Modelling, Agile Development, Version Control, Database Management, React, Node.js, Django, Software Development Lifecycle, GitHub, TensorFlow, API Integration

EDUCATION

Combined Bachelor's & Master's Degree Program in Computer Science (GPA: 3.70)   **Expected: June 2024**
Northwestern University   *Evanston, IL*
- Relevant Coursework: Cloud Computing, HCI, Machine Learning, Data Structures and Algorithms, Full-Stack Software Development, Agile Software Development, Scalable Software Architecture, Databases, Generative Methods, Data Privacy

PROFESSIONAL EXPERIENCE

Northwestern University   *Evanston, IL*
IT TEAM LEAD   **April 2022 – Present**
- Furnish technical support for over 100 classrooms through adept coordination and supervision of a team of 20+ IT students.
- Elevated employee proficiency and performance by 50% by executing weekly training sessions for more than 40 employees.
- Reduced classroom technology downtime by 30% through integration of remote control, power cycle tool and software updates.

PEER MENTOR, CS110 AND CS111   **September 2021 – Present**
- Improved a group of 20 students' average grade from B- to A through weekly office hours and tutorials in Java and Python.
- Automated assignment grading, reducing a 3-hour task to just 2 minutes by implementing Python and C# auto-grading scripts.
- Achieved a 30% increase in student-led tech projects by mentoring 25+ students, fostering thought leadership and innovation.

Costco Logistics   *Schaumburg, IL*
SOFTWARE ENGINEER INTERN   **January 2023 – April 2023**
- Streamlined warehouse operation software using Python, Django, ReactJS and Korber/HJ, reducing operational issues by 20%.
- Optimized intern onboarding by 40% by creating a full-stack cross-team learning tool using ReactJS, Node.js, and MongoDB.
- Boosted database performance by 20% by consolidating commonly used SQL queries and deploying them in 60+ warehouses.

Alif Bank   *Dushanbe, Tajikistan*
SOFTWARE ENGINEER INTERN   **June 2022 – August 2022**
- Enhanced transaction speed of point-of-sales terminals by 10% through optimizing database queries and improving user interface.
- Boosted ATM and payment terminal security and functionality using C/C++ for firmware development while integrating payment APIs.
- Slashed overall processing time by 50% by preprocessing data and training machine learning models for loan application scoring.

RELEVANT PROJECTS

SimpleDB (Java)
- Developed Java-based database management system, implementing storage, retrieval, optimization and transaction handling.
- Wrote over 600 lines of Java code, enhancing concurrency control, data integrity and enabling multi-user operational capabilities.

AI Bio Video Generator (Python, HTML)
- Implemented Flask framework to create a web application that generates personalized bio videos. Contributed approximately 700 lines of code, focusing on the back-end logic and integration of APIs for text-to-speech and AI image generation.

Photo App (Python, JavaScript)
- Conceptualized a photo application that extracts features using image recognition APIs, leveraging Node.js and Express.js.
- Architected and deployed the application utilizing 4 AWS services, including Elastic Beanstalk, S3, RDS, and EC2.