

## Shelton Bumhe

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### EDUCATION

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**University of Nebraska-Lincoln, NE**

Expected Dec 2027

*Bachelor of Science in Computer Science, Minor in Mathematics*

GPA 3.50

**Coursework:** Data Structures & Algorithms, Discrete Math, Linear Algebra, Statistics, Software Engineering 1

### TECHNICAL SKILLS

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**Programming Languages:** Python, Java, JavaScript, SQL, C#, C

**Frameworks/Libraries:** Spring Boot, Django, TensorFlow, pandas, NumPy, XGBoost, ASP.NET Core, Entity Framework Core, Kafka

### PROFESSIONAL EXPERIENCE

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**Fiserv, Omaha, Nebraska**

May 2026- Present

Software Engineer Intern

- Collaborated with an 8-person engineering team to develop Java Spring Boot microservices with Kafka, Oracle Database, and Redis, tracking 2M+ documents daily across enterprise file workflows with sub-150ms file status lookup latency.
- Designed REST APIs and file log processing workflows to capture ingestion events, processing statuses, duplicate files, failures, orphaned files, and reconciliation history in a centralized audit trail.
- Optimized Oracle Database schemas, indexed file log tables, and Redis caching to replace manual log analysis with real-time monitoring for missing, delayed, and failed file transfers.

**Dominion College, Harare, Zimbabwe**

Feb 2022 - Aug 2023

Software Developer & Math Tutor

- Engineered a Python + MySQL student performance analytics platform, automating data ingestion, validation, and weekly reporting workflows that reduced manual administrative work by 40%.
- Designed normalized relational schemas for students, assessments, attendance, and performance records; optimized SQL queries to accelerate academic reporting and cohort-level trend analysis.
- Built pandas-based analytics pipelines to detect learning gaps, track performance trends, and generate actionable insights for tutors, contributing to a 15% improvement in student test scores over 3 months

### PROJECTS

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**GrantPilot – AI Grant Success Platform** (React, FastAPI, Python, PostgreSQL, RAG, APIs)

April 2026

MLT Tech Trek Ideathon Winner — 1st Place

- Collaborated with a 5-person team to build an AI-powered grant platform helping underserved founders access \$500B+ in funding through intelligent matching and automated application workflows
- Designed core features including AI smart matching, RAG-based application assistance, grant jargon explanation, pipeline tracking, and mentor connections with past grant winners.
- Developed a B2B2C product strategy targeting CDFIs, Chambers of Commerce, local governments, and founder subscriptions, with a projected \$6.6B TAM, \$2.8B SAM, and \$17.5M SOM.

### LEADERSHIP AND PROFESSIONAL DEVELOPMENT

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**Management Leadership for Tomorrow(MLT)**

Nov 2025- Present

Career Prep Fellow

- Selected for an 18-month professional development program focused on structured coaching, mentorship, technical preparation, leadership development, and industry exposure.
- Developed business and technical acumen through technical assessments, case studies, simulations, and project work to strengthen analytical and leadership capabilities.
- Engaged with partner organizations including LinkedIn, Bloomberg, and Deloitte to build industry exposure and insight into technology career pathways.

**Additional Involvement:** ColorStack, National Society of Black Engineers