

KAZI NIAZ AHMED

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EDUCATION

M.S. Computer Science | Temple University, College of Science and Technology, Philadelphia, PA

GPA: 3.20 | Graduation – May 2027

B.B.A. Management Information Systems & Finance | Temple University, Fox School of Business, Philadelphia, PA

GPA: 3.91 | Graduated: December 2019 | Dean's List: Fall 2016 – Fall 2019

PROFESSIONAL EXPERIENCE

TEMPLE UNIVERSITY – IT SERVICES, Philadelphia, PA

July 2023 - Present

Software Engineer I

- Developed a full-scale CRM system using PHP, JavaScript, and SQL that integrates with the university's central registration platform, serving 10,000+ students across multiple programs.
- Built RESTful API endpoints using Python (Flask) to automate grade transfer workflows, eliminating manual data entry errors and saving an estimated 50+ hours per semester.
- Developed a custom transcript generator for Temple's Real Estate Institute using C# and .NET, automating record processing and on-demand transcript delivery for program participants.
- Built an end-to-end monitoring stack — Cron-driven health checks, automated alerts, and Grafana dashboards — for production Python services on Linux, reducing incident response time by 25%.
- Collaborated with cross-functional teams including product owners, QA, and business stakeholders to gather requirements, plan sprints, and deliver features on time using Agile methodology.

TEMPLE UNIVERSITY – CONTINUING EDUCATION, Philadelphia, PA

January 2020 – June 2023

Programmer/ Analyst

- Authored 30+ complex SQL queries and built reporting dashboards to conduct cross-platform data analyses, directly informing marketing strategy for 10+ departments.
- Built 10+ Power Automate workflows spanning time-off request approvals, trigger-based email automations, and batch ingestion of data into Excel and SharePoint, reducing recurring manual administrative effort by 30% across the team.
- Enhanced the university's website accessibility and branding by implementing WCAG-compliant front-end updates using JavaScript and Bootstrap.
- Resolved 100+ software support tickets per quarter across the Continuing Education registration system, maintaining SLA compliance.

AMERISOURCEBERGEN (now CENCORA), Chesterbrook, PA

Jun 2019 – Aug 2019

Enterprise Architecture Intern

- Analyzed 10+ enterprise datasets using Power BI to map core competencies, delivering insights that informed decisions on which specialized applications to retire.
- Built an interactive PowerApps tool that mapped departmental competencies to existing applications which enabled department managers to evaluate and retire redundant applications

CERTIFICATIONS

- PL900 – Microsoft Power Platform Fundamentals (Received March 2025)

TECHNICAL SKILLS

Languages	: Python, JavaScript, PHP, C#, TypeScript
Frameworks & Libraries	: React.js, Node.js, Next.JS, Flask, Bootstrap, jQuery, Three.js
Databases	: PostgreSQL, Microsoft SQL Server, Oracle
Cloud & DevOps	: Kubernetes, Maven, Grafana
Tools & Platforms	: PowerApps, Power Automate

AWARDS & ACTIVITIES

- **1st Place**, AIS National Data Analytics Challenge (2019)
- **2nd Place**, Target Case Competition (2019)
- **Finalist**, Innovative Idea Competition (2021) & Lori Hermelin Bush Seed Fund (2021)
- Ron and Ronda Riddell Endowed Scholarship (2018, 2019)

PROJECTS

- **Chat with PDF** | github.com/KaziAhmed100/chat-with-pdf
AI-powered document Q&A application that lets users upload PDFs and hold grounded conversations with their content via a full RAG pipeline — semantic chunking, vector embeddings, similarity search, and streaming LLM responses with in-line source citations. Built with Next.js, FastAPI, PostgreSQL with pgvector, LangChain, and the Claude API.
- **Cadence — Change Management System** | <https://github.com/KaziAhmed100/cadence-change-management-system>
A full-stack change management platform featuring risk-scored approval routing, informed change scheduling, role-based access, and a clear audit trail — modeling the same workflow patterns that power enterprise ITSM tools like ServiceNow and Jira Service Management. Built with Next.js, FastAPI, PostgreSQL.
- **Shopify Store Health Scanner App** | <https://github.com/KaziAhmed100/storepulse-health>
Shopify embedded admin app that scans product, inventory, and SEO issues, calculates a store health score, and prioritizes merchant fixes using React Router, TypeScript, Shopify Admin GraphQL API, Prisma, and PostgreSQL. The app and database is hosted on Render and Neon.