

Kumuda Krishnappa

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PROFILE

As a highly motivated and detail oriented Master of Science student in Computer Science, I am actively seeking opportunities across diverse roles in the tech industry. With two years of experience in due diligence, data analysis, and visualization for mergers and acquisitions, I bring a strong foundation in analytical thinking and problem solving. Known for my reliability, teamwork, and strong communication skills, I excel in both collaborative environments and independent projects. I am eager to contribute to impactful, scalable solutions while continuing to grow in dynamic, fast paced settings.

EDUCATION

Masters of Science - Computer Science, Wayne State University 08/2024 – 05/2026 | United States
Bachelors of Engineering, Nitte Meenakshi Institute of Technology 08/2018 – 07/2022

SKILLS

Web Development: HTML5, CSS3, JavaScript, PHP, RESTful APIs, Selenium, Postman, **Cloud Computing & Infrastructure:** AWS, Azure ,
Programming Languages: C, C++, Java , Python, **Data analysis and Visualization tools:** Advanced Excel (advanced functions, PivotTables, Power Query, Power BI integration, Macros, VBA, advanced charts), Alteryx, Tableau, Power BI, Python Libraries (Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn for basic ML), **Database Management:** MongoDB, MySQL, PostgreSQL, SQL, **Task Management:** Jira, Trello, **Collaboration Tools:** VS Code, Jupyter Notebook, Google Collab, Microsoft Office Suite, **Version Control Systems:** Git, GitHub, **CI/CD & Containerization:** Jenkins, Docker, **Frameworks & Libraries:** React, Express, Bootstrap, jQuery, Node.js, Angular.js

RELAVANT EXPERIENCE

Associate (Former Intern), PwC - Deals Technology and Data Solutions Team 03/2022 – 08/2024

- Conducted 15+ data driven M&A contract assessments using Python, VBA, and ETL pipelines, delivering actionable insights for business planning.
- Managed 5+ projects with AI tools (E-Brevia), producing technical reports and dashboards in Excel and PowerPoint.
- Applied predictive modeling and Power Query to 30+ credit agreements, improving system optimization and data migration.
- Automated 60% of document workflows using Python and Bash scripting, enhancing efficiency and data integrity.
- Migrated ESG dashboards to Power BI, increasing visualization accuracy by 20% and aligning with cloud infrastructure standards.
- Implemented SHA256 hashing in Python for document control, reducing review time by 30%.
- Supported application development, sprint planning, and version control in agile environments.
- Provided technical support and validated networking and data flow across internal systems.

PROJECTS

Financial Tracker, Tech Stack: React.js, Node.js, Recharts, charts.js, Mongodb 03/2025 – 04/2025

- Built a full stack finance management app with a React.js front end and Node.js/MongoDB backend, supporting 500+ transactions and improving budgeting efficiency by 40%.
- Designed dynamic dashboards using Recharts and Chart.js, enhancing financial visualization clarity by 30%.
- Improved backend performance via MongoDB aggregation and Node.js optimization, reducing data retrieval time by 50%.
- Implemented JWT authentication and role based access control, securing sensitive financial data for 500+ users.
- Contributed to sprint planning and version control using Git, with emphasis on debugging, QA testing, and technical documentation in an agile development software lifecycle.

Driveway Management System, Tech Stack: Javascript, HTML5, CSS3, Node.js, Sql 10/2024 – 12/2024

- Developed frontend and backend components to manage 100+ service requests, increasing operational efficiency by 40% and ensuring application reliability across devices.
- Automated backend workflows for 20+ contractors using Node.js and SQL, reducing turnaround times by 25% and streamlining technical support operations.
- Optimized SQL queries and dashboard performance, reducing query execution time by 40% and enabling efficient data migration and monitoring.
- Built a responsive UI and handled cross browser troubleshooting issues using agile development methodologies and DevOps practices.
- Managed source code and version control with Git/GitHub, collaborating through sprint cycles and contributing to a shared knowledge base and documentation repository.

CERTIFICATES

• Power BI Data Analyst Associate  • Azure Data Fundamentals  • The joy of computing with python  • Fundamentals of Linux and Data Analytics 

PROFESSIONAL AFFILIATIONS & ROLES

Lab Instructor, Wayne State University 08/2025 – Present

- Led lab instruction in Python, helping students develop problem-solving skills and debug code effectively.

Instructional Assistant (Project Management Focus), Wayne State University 01/2025 – 07/2025 | United States

- Mentored students in developing real world apps for the CSC 4996 Senior Capstone, fostering innovation and collaboration.
- Led project planning, reviews, and feedback sessions to enhance technical skills, critical thinking, and team performance.

Cloud Architect - AWS Cloud Club, Wayne State University 03/2025 – present | United States