Rucha Keni

Charlotte, NC | rkeni1@charlotte.edu | LinkedIn | Github

Education

University of North Carolina at Charlotte, MS in Information Technology	Expected May 2026
University of Mumbai, BE in Computer Science	May 2021

Skills:

- **Languages/ Frameworks:** Java, Next.js, Python, HTML, CSS, .NET, JavaScript, SQL
- **DataScience AI:** Pandas, NumPy, Scikit-learn, Power BI (Dashboard, KPIs, DAX), Tableau, FastAPI, Vertex AI
- **Cloud Tools:** Jenkins, Azure DevOps, GitHub Actions, AWS, JIRA, Confluence
- **Cloud and Databases:** AWS (EC2, S3 basics), SQL, MongoDB, Oracle
- **Testing and Automation:** Selenium, Appium, Cucumber, TestNG, RestAssured, Postman, JMeter
- **Databases:** MongoDB, Oracle, PostgreSQL

Work Experience

IT Intern, BreatheIT Solutions – Eagan, MN, US   May 2025 – Aug 2025
- Designed automated Power BI dashboards to visualize regression KPIs and sprint quality metrics for leadership.
- Automated data collection and testing processes using Python and Selenium, reducing analysis time by 40%.
- Collaborated with cross-functional teams in Agile sprints, supporting data analytics for process improvement.

Senior Software Engineer, Capgemini Technology Services – Mumbai, India   Aug 2021 – Jun 2024
- Created KPI dashboards and automation scripts to track performance metrics and defect leakage trends..
- Analyzed QA and operational data to identify process bottlenecks, improving release efficiency by 30%.
- Designed data-driven onboarding and reporting templates to enhance visibility for leadership teams.

Data Analyst Intern, Nityam Softwares – Mumbai, India   Jun 2020 – Aug 2020
- Built Power BI dashboards with slicers, drill-downs, and KPIs for sales and customer service performance.
- Conducted SQL-based data analysis and prepared weekly business intelligence reports for leadership.

Projects

IT E-Commerce Sales Dashboard |Power BI
- Built a live dashboard for an online retail store to analyze sales, service KPIs, and regional performance trends.

MERN Stack Web Application | MongoDB, Express.js, React, Node.js, GitHub
- Assembled a full-stack MERN app (React UI + Node/Express APIs on MongoDB Atlas) demonstrating clean end-to-end design and reliable CRUD web app with GitHub Actions for automated testing and deployment.

CourseMind | MongoDB, Next.js, Node.js, Express, FastAPI, Git
- Designed a web based assistant tool for professors for course planning with dashboards integrating quiz/assignment tracking.
- Integrated backend services with FastAPI and MongoDB to deliver academic performance insights.

Jirassic Application (AI Hackathon Project)|
- Developed an AI-powered task automation tool using Whisper + Vertex AI to convert meeting transcripts into structured insights and assign it to the employees.

JMovie Rating Trend Analysis| Python, Pandas, Matplotlib, Power BI
- Analyzed an IMDb movie ratings dataset to explore rating distribution by genre, release year, and demographics; performed data cleaning and trend analysis using Pandas and Matplotlib.
- Built an interactive Power BI dashboard to visualize top-rated genres and evolving audience preferences, showcasing strong data storytelling and analytical skills.