

PRITIKA PURUSHOTHAMAN

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EDUCATION

Northeastern University

Master of Science in Information Systems, GPA: 3.6

Boston, MA

Expected Dec 2024

Kumaraguru College of Engineering

Bachelor of Engineering, Electronics and Communication

Coimbatore, India

Jun 2014 – Apr 2018

WORK EXPERIENCE

Technical Delivery Manager | Berkley Technology Services | Virginia, US

Feb 2024 - Current

- Led a highly skilled team, achieving a 35% increase in meeting business goals, while coordinating cross-functional teams and communicating effectively with stakeholders and business leaders.
- Applied SAFe Agile Framework, ensuring value-driven delivery, actively monitoring progress, addressing impediments, and mitigating risks for continuous improvement.
- Planned, coordinated, and communicated at team and ART levels, aligning with business objectives, presenting delivery progress clearly while maintaining a healthy backlog.
- Managed vendor relationships, navigated organizational changes, and onboarded resources to support delivery goals.

Project Engineer | Wipro | India

Jan 2019 - Jul 2022

- Enhanced E-commerce AEM testing with Waterfall & Agile-Scrum, improving RestAPI and SQL web services validation by 45%.
- Boosted customer satisfaction by 60% through seamless integration of Apple Pay and Klarna in e-commerce platforms.
- Oversaw offshore team, improving sprint management and providing mentorship in test-case design.
- Managed software release cycles, optimizing e-commerce platforms and developing detailed business cases for each deployment.
- Streamlined documentation and test case preparation, collaborating with stakeholders to improve project proposals by 70%.

TECHNICAL SKILLS

Programming Languages: Python, Java, JavaScript

Web Technologies: HTML, CSS, JS, Node.js, React.js, Next.js, Framer Motion, Tailwind CSS

Databases: Oracle, MySQL, Microsoft Azure SQL, SQLite

Business Intelligence & Data Integration: Tableau, Microsoft Power BI, Azure Data Factory, Talend, Alteryx, ER/Studio Data Architect

Wireframes, Software & Tools: Figma, Adobe XD, Sketch, Axure XP, Balsamiq, Eclipse, NetBeans, GitHub, JIRA, Confluence, Stash, Bitbucket

Others: Selenium, Jenkins, CI/CD, IBM Sterling Order Management

Certifications: SAFe 6 Practitioner

ACADEMIC PROJECTS

Data Integration, Analysis and Business Intelligence Project

Oct 2023 –Nov 2023

- Orchestrated an end-to-end data integration and business intelligence project utilizing MySQL, Alteryx, Talend, Power BI, and Tableau, aimed at extracting insights from datasets.
- Executed advanced ETL processes, incorporating diverse data sources like MySQL databases, TSV, and JSON formats, with a focus on implementing Type 2 SCD for dimension tables.
- Developed and maintained data mappings, models, and interactive BI dashboards, ensuring SQL scripts were precisely aligned with visual analytics in Power BI and Tableau for strategic business decisions.

Machine Learning – Price Prediction Model

Sep 2023 – Oct 2023

- Executed data preprocessing, including imputation and feature extraction, to refine a dataset for regression analysis.
- Utilized AutoML for robust multivariate model development, with a focus on multicollinearity and model optimization.
- Employed linear regression and decision tree algorithms, followed by a comparative SHAP value analysis, to quantify the impact of each feature on model predictions, enhancing the interpretability of complex model structures.
- Authored rigorous technical reports, integrating business intelligence insights and substantiating findings with statistical visualizations.

Split Up - Financial Tracker using MERN stack

Jan 2023 – April 2023

- Employed advanced web development techniques, combining RESTful API design and JWT authentication for secure data transfer between frontend and backend.
- Integrated Node.js Mailer to automate email notifications for event-driven email confirmations and conducted extensive analysis of user feedback to enhance application features.
- Leveraged MongoDB to optimize data storage, improving data management and enhancing scalability.

Student Housing Database System, Database design and Management

Sept 2022 – Dec 2022

- Developed an integrated student housing management system using Java and an Oracle database with PL/SQL, featuring advanced functionalities like Stored Procedures, Triggers, and Reports for efficient data management.
- Built a Java Swing application with OOPS concepts, including Google Maps, chatbot, and email alerts, emphasizing efficient, testable code.