

PRITIKA PURUSHOTHAMAN

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EDUCATION

Northeastern University, Boston, MA

Expected May 2024

Master of Science, Information Systems

GPA: 3.6

- **Relevant courses:** Data Science Engineering Methods and Tools, Designing Advanced Data Architectures for Business Intelligence, Data Management & Database Design, Web Design/ User Experience Engineering, User Experience Design and Testing, Application Engineering & Development

Kumaraguru College of Engineering, Coimbatore, Tamil Nadu, India

June 2014 - April 2018

Bachelor of Engineering, Electronics and Communication

- **Relevant courses:** Digital Signal Processing, Object-oriented Programming and Data Structures, Python Programming, Computer Networks, Computer Architecture, Signals and Systems

TECHNICAL SKILLS

Programming Languages: Python, JAVA

Databases: Oracle, SQLite, MySQL, Microsoft Azure SQL, Google BigQuery, Snowflake

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

Web Technologies: HTML, CSS, JavaScript, NodeJS, React JS, Tailwind CSS, Next JS, Framer Motion

Wireframes, Software & Tools: Figma, Adobe XD, Sketch, Axure XP, Balsamiq, Moqups, Midjourney, Eclipse, NetBeans, VS Code, IntelliJ, GitHub, JIRA, Confluence

Others: Selenium, Jenkins, IBM Sterling Order Management, Usability Experience Design, AWS, Salesforce

Methodologies: Agile, Lean, Waterfall

WORK EXPERIENCE

Wipro Limited, India – Project Engineer

January 2019 - July 2022

- Experienced in working with Waterfall & Agile-Scrum projects and testing E-commerce websites built using AEM
- Engaged in web services testing deploying RestAPI, database testing leveraging SQL, In-Sprint, and Regression Testing utilizing Selenium & Jenkins
- Received customer appreciation for successful testing and business demo of Apple Pay and Klarna payment features, thereby increasing consumer satisfaction by 50%
- Led the In-Sprint team offshore and execution of each sprint while facilitating team with test-case design and review
- Recognized and appreciated by client for taking ownership of critical features and ensuring quality delivery to achieve sprint closure
- Designed test scripts based on new stories created in each sprint to meet system and technical specifications

ACADEMIC PROJECTS

Student Housing Database System, Database design and Management

Sept 2022 – Dec 2022

- Developed a holistic student housing management system that integrates a database and a user-friendly Java application.
- Designed an Oracle database using PL/SQL featuring Stored Procedures, Functions, Packages, Triggers, and Reports for efficient data management.
- Built a Java swing application focusing on OOPS concepts offering features such as Google Maps, Images, Chatbot, and Email alerts, thereby constructing a well-designed, efficient & testable code

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 user actions and transaction confirmations.

ML Data Cleaning and Feature Selection - Avocado Prices

Sep 2023 – Oct 2023

- Performed data cleaning, addressed data type categorization, and handled missing values.
- Employed feature selection methods to identify influential independent variables for price prediction, assessing their impact on model performance.
- Assessed the significance of outliers in the dataset and explored their influence on the predictive model.
- Successfully investigated the behavior of categorical data, accuracy and constructed a confusion matrix to evaluate model performance.