# Rupali Ramesh Bawale

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## Education

**Texas A&M University, Mays Business School** | Aug 2024 – May 2026
Master of Science in Management Information Systems | College Station, TX

- Coursework: *Advanced Data Management, Advanced System Analysis and Design, MIS Project Management*

**College of Engineering Pune** | Aug 2017 – May 2021
Bachelors of Technology in Information Technology | Pune, India

- Coursework: *Object Oriented Programming, Database Management, Distributed & Operating System, Computer Networks*

## Technical Skills

**Languages**: C/C++, Java, Python, Typescript, Javascript, Go, R, .NET

**Frameworks**: Angular, Node.js, Spring Boot, ReactJS, Django, Maven

**Developer Tools**: Tableau, Google Analytics, Postman, Cyberduck, Browser Developer Tools

**Databases**: PostgreSQL, MySQL, Microsoft SQL, MongoDB

**PM Tools**: Scrum, Agile, Figma, Kanban, Bitbucket, Git, Jira, Microsoft Excel

**Soft Skills**: Communication, Critical Thinking, Decision Making, Problem-Solving, Leadership, Self-Starter

## Experience

**Gainsight** | Aug 2021 – Aug 2024
Full-Stack Software Developer | Data Highway Team | Hyderabad, India

- Deployed a robust export functionality, enabling clients to share with stakeholders, resulting in a **60%** increase in productivity and **preventing customer churn** by 15%
- Implemented **internationalization** in the UI using Transloco and integrated a **Java-based** SDK in a microservice to translate engagement content into **107 languages**, aiding in global customer acquisition
- Revitalized the front-end user experience of Gainsight's configuration server by optimizing **Angular components**, increasing user interaction speed by **40%** and boosting user satisfaction scores by **20%**
- Improved the performance of Gainsight's configuration server by leveraging **Redis caching**, enhancing response times and reducing server load

**Mandroid** | May 2019 – July 2019
Front end Web Developer Intern | Early stage startup | Aurangabad, India

- Designed and developed a student login web application to streamline the enrollment process, utilizing **HTML, CSS, PHP, and MySQL** to ensure secure user access
- Applied **Scrum** principles to prioritize tasks and ensure efficient development cycles. Collaborated with senior developers and stakeholders to enhance aesthetics and functionality, leading to improved customer interaction and satisfaction

## Selected Projects

**Apache HTTP Server** | Spring 2019

- Established a **Python-based** HTTP server from the ground up, incorporating **multithreading, OOP principles, and robust error handling** to efficiently handle high volumes of HTTP requests, enhancing scalability
- Supported features like file transfer, cookie management, and **error logging** for a effortless web application experience

**Content Aggregator Django App** | Spring 2020

- Developed a **Django** web application to aggregate course data from platforms like Coursera, Google, Microsoft, edX, and Udemy using **BeautifulSoup** and requests, streamlining the search and comparison process for users
- Created a user-friendly interface to display the **aggregated data**, allowing users to easily search, filter, and compare courses, significantly improving user experience and saving time

## Publications

- **A Comprehensive Solution for Obfuscation Detection and Removal Based on Comparative Analysis of Deobfuscation Tools**
  *International Conference on Smart Generation Computing, Communication and Networking*

## Certifications

- Using Python to Access Web Data
- Modern Application Development