

Akanksha Pawar

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EDUCATION

Worcester Polytechnic Institute

Master of Science in Computer Science

Worcester, MA

Aug. 2022 – May 2024

Savitribai Phule Pune University

Bachelor in Computer Engineering

India

Aug. 2017 – May 2021

EXPERIENCE

Application Development Intern

Ithaca Clean Energy

June 2023 – Present

Massachusetts

- Actively contributed to the improvement of the Waterfront app, identifying and resolving bugs to enhance the overall user experience.
- Collaborated with the development team to add new functionalities, aligning them with user requirements and industry best practices.
- Conducted thorough testing and quality assurance to ensure the app's stability, performance, and security.

Teaching Assistant

Worcester Polytechnic Institute

Jan. 2023 – May 2023

Worcester, MA

- Supported instructors in CS 4432: Database Management Systems II and CS/DS 4433: Big Data Management and Analytics, facilitating classroom activities and assisting students with course materials.
- Provided one-on-one guidance during office hours, graded assignments, and contributed to a collaborative learning environment for database management and big data analytics.

Associate Software Engineer

Accenture Solutions

Sep. 2021 – Aug. 2022

India

- Oversaw and maintained pharmaceutical client Database applications as an Associate Software Engineer.
- Developed expertise in MySQL and Oracle databases while contributing to the seamless operation of critical systems.

PROJECTS

Anime Recommender System | *Python, Flask, React*

Apr. 2023

- Python for Collaborative(User and Item) filtering and Content-based filtering to offer personalized anime recommendations based on users' watch history and interests.
- Developed the front end using React and established connectivity to the backend through Flask, ensuring a seamless and engaging user experience.

MEANS-Medical Emergency Automated Notification System | *Kotlin*

Mar. 2023 – Apr. 2023

- Kotlin-based mobile app enabling automatic detection of falls or emergency room visits, triggering alerts to emergency contacts with the user's location.
- Integrated functionality to share the user's medical history with hospitals and emergency responders, enhancing response efficiency during critical medical situations.

Online Bookstore Management System | *MySQL, AWS RDS, AWS Quicksight, PHP*

Sep. 2022 – Dec. 2022

- Implemented an Online Bookstore Management System, utilizing MySQL for dataset hosting on AWS RDS, and AWS Quicksight for visualizing sales data.
- Utilized PHP for backend development to create a comprehensive platform for efficient sales management and analysis.

TECHNICAL SKILLS

Languages: Java, Python, Kotlin, C++, SQL, NoSQL, JavaScript, HTML/CSS, PHP

Data Management and Analytics: MySQL, MongoDB, Apache Spark, Hadoop, Kafka

Developer Tools and Frameworks: Docker, GitHub, AWS, Google Cloud Platform, Firebase, Flask, React