DIVYA MUNOT

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CAREER OBJECTIVE

Highly driven Computer Science graduate student with strong problem-solving skills and a commitment to excellence, seeking a Software Engineer role where I can apply my expertise in coding languages, database management, and agile methodologies to contribute to innovative projects and drive technological advancements.

EDUCATION

University of Rochester, **Master of Science**, Computer Science — Aug 2022 - Dec 2023
- Machine Learning, Data Mining, Data Engineering, Algorithms — NY, USA

Pimpri Chinchwad College of Engineering, **Bachelor of Engineering,** Computer Engineering — Aug 2017 - Jun 2021
- Data Structures, Databases, Object Oriented Programming, Information Systems — MH, IND
- Awarded Best Outgoing Student of Pimpri Chinchwad College of Engineering, 2021 — CGPA – 9.31/10

SKILLS

Coding languages – Python, C++, HTML, PHP, XML, Javascript | **Databases**: Oracle, SQL
Technologies and Tools: OIPA, Rules Palette, Git, JIRA, Kafka, Jenkins, Visual Studio Code, Apache Databricks

EXPERIENCE

Office of Registrar | ***Technical Assistant*** | Rochester, NY — Feb 2023 – Present
- Utilized PHP and SQL to migrate the Office of Registrar forms, enhancing security and user access management.
- Worked with the design team to redesign the user interface of the forms, utilizing HTML to improve the consumer experience and accessibility.
- Created detailed UML diagrams to comprehensively analyze and optimize the workflow of forms within the OnBase Studio platform, resulting in increased efficiency and streamlined processes.

TIAA GBS India | ***Technology Trainee*** | Pune, India — Jul 2021 – Jul 2022
- Worked on OIPA, which includes XML configuration of OIPA Components, designing Stored Procedures and SQL for various purposes like QDRO (Qualified Domestic Relations Order) and Death Servicing.
- Assisted in designing and implementing software solutions for the Immediate Annuity project using agile software development methodologies while adhering to best practices and coding standards.
- Familiarized oneself with version control systems like Git and actively contributed to code repositories.
- Received PT&RST On-Spot award at TIAA GBS for outstanding performance.

PROJECTS

City Bike Tracking System | University of Rochester — Jan 2023 - May 2023
- Developed and deployed a comprehensive end-to-end data-intensive application on the Databricks platform, enabling real-time tracking of bike inventory and available docks at city bike stations.
- Designed and implemented Spark streaming ETL pipelines for historical and real-time data ingestion.
- Conducted extensive Exploratory Data Analysis (EDA) to gain valuable insights into bike station utilization patterns and user behavior.
- Built and optimized Prophet forecasting models, registered them in Databricks, stored artifacts in MLflow, and improved accuracy with monitoring to 89%.

Medicinal Leaves Identification | PCCOE — Jun 2020 - May 2021
- Curated a comprehensive dataset comprising 18 different types of leaves, each containing 200 photos.
- Engineered robust data preprocessing techniques, including image resizing, augmentation, and normalization.
- Collaborated with a team of computer engineers to design a CNN (Convolutional Neural Network) architecture with multiple convolutional and pooling layers, optimizing the feature extraction.
- Achieved an exceptional accuracy rate of 93%, demonstrating the model's efficacy in identifying medicinal leaves.

Quiz Maker | PCCOE — Jun 2019 - Dec 2019
- Developed a full stack web application software using PHP, HTML, CSS, and MySQL, simplifying quiz creation and solving processes.
- Successfully deployed the Quiz Maker for a college event, showcasing its scalability and practicality in real-world scenarios while recording and storing quiz results and answers for analysis.