

ANIKET ANVEKAR

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CAREER OBJECTIVE

Passionate & motivated software developer seeking a challenging role in an organization to leverage skills, technical expertise, and a passion for driving innovation. Committed to the company's motive, core values, and growth.

EDUCATION

Master of Science in Computer Science, Rutgers University | New Brunswick, NJ **Aug'22 - May'24**
Relevant Courses: Data Structures & Algorithms, Machine Learning, Computer Vision, **GPA: 3.6/4.0**
Massive Data Mining, Math Foundation for Data Science

Bachelor of Engineering in Computer Engineering, University of Mumbai | Mumbai, IN **May'19**
Relevant Courses: OOP, Operating System, Software Engineering, Database Management System, Data Warehousing & Mining

TECHNICAL SKILL

Programming: Python, C++, JavaScript, HTML5/CSS3, MySQL, R, Java, SAP ABAP, Bash.

Web Development: Flask, Django, React.js, Node.js, Express.js, jQuery, Bootstrap, MongoDB/PostgreSQL

Data Science: Pandas, NumPy, PySpark, PyTorch, TensorFlow(2.x), OpenCV, Beautiful Soup, Selenium

Data Visualization: Matplotlib, Seaborn, Tableau, PowerBI

Cloud/DevOps: Microsoft Azure, AWS, Docker, Jenkins, Git

PROFESSIONAL EXPERIENCE

Samaritan Scout | Summit, NJ *Software Developer, Intern* **July'23 – Sep'23**

- Created a Python-based web crawler engine utilizing bs4 & OpenAI to extract volunteering information.
- Enhanced scraper output accuracy by 40% through strategic prompt engineering efforts.
- Assisted the team in designing the database schema by normalizing and introducing relationships between the tables.

Rutgers University | New Brunswick, NJ *Teaching Assistant* **Aug'22 - Present**

- **Part-Time Lecturer** for CS170-Computer Application for Business & CS110-Principles of Computer Science.
- Conducting weekly recitation sessions for 45+ students. Taught Web Development (JavaScript, HTML5/CSS3), Application programming (Scratch, Python), Database management (MySQL, ER models), and Data Analysis (Excel).
- Engaged one-to-one with students during lab support hours resulting in an improvement of more than 20% in their grades.

Tata Consultancy Services | Mumbai, IN *Software Engineer* **Aug'19 – Aug'22**

- **Data Scientist for TCS Decision Fabric** | {AWS, Kaldi, Python, OCR, NLP}
 - Automated py scripts to extract data from healthcare documents (PDFs, Images) reducing 30% of analysis time & effort.
 - Improved the Kaldi language model's recognition accuracy by 24% (from 49% to 73%), by training it with >900k scrapped sentences related to the healthcare domain.
 - Created py scripts to evaluate the model error rate using Jiwer & deployed the model on an EC2 instance to achieve scalability.
- **Python Developer for Reserve Bank of India** | {Python, Pandas, Selenium, bs4, ML, Linux}
 - Responsible for end-to-end web scraping workflow design, implementation, and deployment in the client data center.
 - Developed py scripts to scrape economy and business data from Twitter & other e-commerce websites. Streamlined data processing using pandas & regex.
 - Performed sentiment analysis and calculated consumer price index for metro cities in India in collaboration with the analytics team.
 - Collaborated with client stakeholders to meet scraped data requirements and comprehend data center policies for deployment.
 - Led team of 3 for installation & testing of crawler application on RHEL & Windows server. Decreased the testing time by 2 hours with a Python-based optimized scheduler component.
- **Application Developer for BOBST Manufacturing** | {SAP ABAP, Microsoft Azure}
 - Optimized ALV reports to fetch business transactions reducing the search & filtering time for the Material Management team.
 - Assisted in integrating the ABAP environment with SAP S/4 Hana on the Azure cloud.

Develearn Institute | Mumbai, IN *Data Science Intern* **Aug'18 – Oct'18**

- Collaborated with the development team to develop a PoC for a Chatbot, successfully automating customer interactions.
- Used TensorFlow and NLP to develop the chatbot application.
- Gained comprehensive knowledge of engineering Rest APIs using Express.js.

PROJECTS

E-commerce Shopping Website | {js, React.js, HTML5/CSS3, MongoDB} **Aug'22 – Feb '23**

- Developed a responsive, user-friendly, & easily navigable e-commerce website.
- Added user authentication, shopping categories, & add-in cart functionality. Integrated payment gateway checkout.

Fake News Detector App | (Python, ML, Deep Learning, Java) **Jan'19 – Aug '19**

- Developed a news article authenticity classifier model. Trained the model with more than 100K news articles.
- Used ML models: Random Forest, SVM, Logistic Regression. Used VGG-16 architecture to implement deep learning model.
- Deployed the application on Android Studio. Integrated News API with the app to broadcast all the trending news.

CERTIFICATIONS & ACHIEVEMENTS

- **Led a 12-member team in executing a successful fundraising campaign for >100 underprivileged students in South Mumbai.**
- **On the Spot Award by TCS for showcasing exceptional efficiency & commitment at work.**