

Aniket Dhanawade

Email: ani.dhanawade@gmail.com | LinkedIn: linkedin.com/in/dhanawadeaniket/
GitHub: github.com/aniketd2909 | Portfolio: aniketdhanawade.com | Leetcode: leetcode.com/u/aniketd2909/

EDUCATION

Florida Institute of Technology M.S in Computer Science GPA: 3.7/4	Aug 2022 – May 2024
Research Assistant – Network Security, Biomedical Imaging Teaching Assistant – Software Engineering	

University of Mumbai B.E in Electronics and Telecommunication GPA: 3.5/4	July 2016 – May 2020
---	----------------------

WORK EXPERIENCE

Software Engineer, IBM, USA	October 2024 – Present
<ul style="list-style-type: none">Designed and implemented a single-page application using Angular, incorporating Server-Side Rendering (SSR), lazy-loading, and resolvers to improve application load time by 40% and enhance user experience.Utilized Angular reactive forms, dependency injection, RxJS and NgRx for efficient data handling and state management.Implemented Redis-based caching within a Drupal environment, achieving an 80% decrease in page response time.Developed frontend auth features using Angular services, route guards, and HTTP interceptors, seamlessly integrating with the backend.Developed custom modules in Drupal using Symfony, hooks, and used contrib modules for efficient content management.Tested the application using Jasmine and Karma for unit testing and implemented end-to-end testing with Protractor to ensure performance and reliability across user workflows.Worked on CI/CD to set up an automation workflow involving testing, building, and deploying using AWS, improving deployment efficiency by 70% and ensuring 99.9% application uptime.	

SDE Intern, Chesstronics, USA	March 2024 – May 2024
<ul style="list-style-type: none">Conducted exploratory and correlation analysis on client customer datasets using Python (Pandas, Seaborn) to identify spending patterns and churn indicators, enabling data-driven recommendations that improved customer retention by targeting high-risk segments.Migrated PHP, WordPress, and Shopify websites from HostGator to Cloudways to leverage Cloudways' built-in firewall, automated backups, and managed cloud infrastructure, reducing security vulnerabilities by 90%	

Software Engineer, LTIMindtree, India	March 2021 – July 2022
<ul style="list-style-type: none">Developed SPA using Angular, implementing lazy loading, resolvers and route guards to achieve 10% reduction in load time.Boosted application efficiency by 25% by integrating Azure Function Apps for event-driven processing, App Services for scalable hosting, and Service Bus for decoupled communication - combined with proactive daily monitoring, this resulted in a 30% increase in system reliability and faster incident resolution.Devised and deployed scalable RESTful web APIs utilizing .NET Core to efficiently manage data operations and maintained the solutions using Azure App Service, ensuring high availability and performance.Optimized database performance by leveraging Entity Framework and advanced LINQ queries; achieved a measurable 20% reduction in access time and improved overall system response on a multi-tiered system.	

PROJECTS

Housing Prices Volatility Dask, Saturn Cloud, S3, Apache Parquet	Jan 2025
<ul style="list-style-type: none">Architected and engineered a scalable ETL pipeline using Dask and Saturn Cloud to integrate and clean 2.4+ million transactional real estate records (Florida/Maryland) sourced via Zillow and Bridge Interactive APIs.Conducted correlational analysis between sales volume and income, while demonstrating surges in pricing, rental costs, and transaction speed, highlighting a market shift toward passive apartment investment.	

Research Assistant Machine Learning, IoT, Cybersecurity Florida Tech	August 2023 – May 2024
<ul style="list-style-type: none">Biomedical Imaging - Designed a CEDA Deep Learning network trained only on simulated data (zero-shot transfer learning) to reconstruct motion-free cardiac PET images, achieving superior VIF & higher SNR than conventional clinical algorithms.Network Security - Constructed network security solution to mitigate threats posed by malicious IoT devices by 90% within network environments, leveraged packet capture files for analysis and algorithmic development	

Additional | Streamhub (Angular, NodeJS, JWT, Passport), Image generation (Diffusion Model), SkillUP (Angular, .Net)

SKILLSET

Languages:	Python, Typescript, C#, PHP, Java, SQL, HTML/CSS, LATEX
Web Tech:	Angular, Node.js, .Net Core, React, TypeORM, Entity Framework
Database:	MySQL, MSSQL, MongoDB
Cloud:	AWS (S3, DynamoDB, Lambda, ElasticSearch), Azure (Functions, App Service, Service Bus, Blob Storage, API Management)
Tools:	Git, Docker, Redis, GraphQL, Postman, MSTest, Jasmine and Karma
Concepts:	DSA, OOP's, Agile Software Dev., Scrum, Microservices, Design Patterns, MVC, DevOps, Version Control, NoSQL, TDD, BDD

ACHIEVEMENTS & CERTIFICATIONS

- AWS Developer Associate Certified, AZ-900 Certified: Microsoft Azure Fundamentals, Supervised Machine Learning, Advanced Learning Algorithms**