Pooja Amin

+1 (609) 598-3842 | poojanamin0408@gmail.com | linkedin.com/in/pooja-amin-2819b71bb | Lake Mary, FL

WORK EXPERIENCE

Infosys
Consultant – Angular Developer

Remote
September 2024 – January 2025

- Developed and optimized dynamic client-facing web applications using **Angular 16**, achieving **50% faster load times** through lazy loading, code splitting, and performance tuning.
- Integrated RESTful APIs and third-party libraries to streamline front-end/back-end communication, enabling complex work ows and enhancing data synchronization.
- Implemented **85%+ unit test coverage** with Jasmine and Karma, reducing post-deployment defects and establishing strong quality assurance standards.
- Mentored a team of four junior developers on Angular best practices while supporting **CI/CD automation** that increased release frequency and cut deployment time by **40%**.

Tata Consulting Services
Consultant – Software Developer

Fort Lauderdale, FL
July 2022 – July 2024

- Developed and optimized high-performance web applications for AutoNation's vehicle marketplace using **Angular 13**, serving **3M+ monthly visitors** and boosting engagement and conversion rates.
- Built a personalized recommendation engine leveraging RXJS and NGRX for state management, driving measurable increases in **conversion rate and average order value**.
- Implemented lazy loading, code-splitting, and reusable component libraries that **reduced load times by 50%** and cut development e ort by **30%** across multiple client projects.
- Collaborated within an **Agile Scrum team** of 15 developers, consistently exceeding sprint goals and delivering high-priority features ahead of schedule.

University of California, San Diego
Teaching Assistant – Non-Linear/Linear Programming & Calculus

La Jolla, CA
September 2021 – March 2022

- Supported 300+ students by providing detailed feedback on assignments and leading discussion sections, breaking down complex optimization and calculus concepts into accessible, practical lessons
- Taught core topics in linear programming, algorithmic problem-solving, simplex method, and optimization theory, helping students bridge the gap between theoretical mathematics and real-world applications
- Utilized MATLAB to guide students through hands-on computational exercises, strengthening their ability to apply mathematical concepts to industry-relevant scenarios

PROJECTS (HTTPS://POOJANAMIN.GITHUB.IO/)

Where to Live Project | *Interactive Data Visualization Platform*
`https://public.tableau.com/app/profile/pooja.amin7793/viz/WheretoLiveProject/Tellusaboutyourself`

- Designed and implemented a data-driven ranking algorithm evaluating **10,000+ U.S. cities** across economic, social, and environmental factors, providing a comprehensive relocation decision-making tool.
- Developed an interactive platform using **Tableau, D3.js, R, Python, SQL, and JavaScript**, combining analytical insights with dynamic visualizations to deliver clear, actionable insights and an intuitive user experience.

FemFit - Women's Health & Wellness App | *Founder & Lead Developer*
`https://apps.apple.com/us/app/femfit-womens-health/id6741535859`

- Founded and built **FemFit AI**, a comprehensive tness and wellness platform for women integrating tness tracking, nutrition guidance, and menstrual cycle monitoring with personalized AI-driven coaching.
- Led full-stack development using **FlutterFlow**, **Firebase**, and **Python**, implementing authentication, database management, API integrations, and scalable architecture for real-time health tracking and personalized insights.

EDUCATION

Georgia Institute of Technology
Master of Science in Computer Science, Specialization in Machine Learning

Expected Graduation: May 2026

University of California, San Diego
Bachelor of Science in Mathematics & Economics

Graduated 2022

SKILLS

Technical Skills: Python, TypeScript, JavaScript, C++, MATLAB, STATA, SQL, R, HTML/CSS; Angular (13, 16), React, Node.js, D3.js, FlutterFlow, RXJS, NGRX; AWS, Azure, Firebase; Tableau, Git/GitHub, REST APIs, CI/CD, Jasmine, Karma
Core Competencies: Performance Optimization, State Management, Responsive Design, Agile/Scrum Methodology, Mentorship, Cross-functional Collaboration
Certi cation: Microsoft Certi ed Specialist