

Sameer Dayani

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Education

University of Texas at Arlington

Dec 2024

Bachelor of Science, Computer Science

Relevant Courses: Computer Vision, Information Security, Data Structures and Algorithms, OOP (Java), Software Testing and Maintenance, AI, Operating Systems, DBMS, Software Project Management, Cloud Computing, Network Security, DevOps.

Experience

Bright Mind Enrichment, San Francisco || CA

April 2025 - Present

Web Developer - Volunteer

JavaScript, Git, AWS, UX/UI, Agile, Version Control, React, Node.js

- Boosted website performance by 45% through strategic image optimization, lazy loading implementation, and render-blocking code reduction, decreasing average page load time from 5.1s to 2.8s.
- Collaborated with 4+ cross-functional stakeholders including UX designers and product managers to translate 15+ design mockups and wireframes into pixel-perfect, production-ready code with 98% design fidelity.
- Managed 30+ Git commits and maintained clean version control through GitHub collaboration with 3+ developers, achieving zero merge conflicts and 100% code review completion rate.

Just Think LLC, Dallas || TX

Dec 2024 - March 2025

Software Developer - Intern

Flutter, JUnit, RESTful APIs, NLP Integration, CI/CD Integration, Git Version Control

- Integrated Just Think LLC's AI chatbot into a Flutter-based mental health mobile application using RESTful APIs, reducing average chatbot response latency by 40% and boosting daily active user sessions by 25%.
- Developed and refined 15+ NLP-driven conversational flows and sentiment-analysis features, achieving 95% intent-recognition accuracy and driving a 15% increase in monthly active user retention.
- Optimized Flutter modules with Bloc, cutting screen load times by 50% and accelerating CI/CD deployments by 30%.

Tech For Good inc, Boston || MA

May 2024 - Aug 2024

Software Developer - Intern

Software Testing, RESTful APIs, Debugging, JIRA

- Executed 75+ test cases, raising coverage to 95% and cutting defects by 45%.
- Validated 20+ REST API endpoints, uncovering 30+ issues and reducing errors by 35%.
- Established a JIRA-based debugging workflow, resolving 40+ bugs 50% faster.

Projects

Eleven59

Full-Stack Task Management App

Next.js, React, Firebase, Gen AI, CI/CD Automation, TypeScript

- Developed a full stack task management app using Next.js, React, TypeScript, Firebase (Auth & Firestore), and Google Gemini API to deliver intelligent task suggestions and real-time data persistence.
- Engineered an AI-powered motivational engine that generates personalized quotes and tracks daily streaks, driving higher user engagement and consistency.
- Designed and implemented a phase-based email reminder system (5+ days, 2–5 days, under 12 hours) that automates timely notifications and improves deadline adherence.
- Deployed and maintained the application on Firebase Hosting with a custom backend API for email automation, ensuring scalable, reliable delivery.

Shop'N'Split

Budget friendly application for the college student's

Kotlin, Firebase, Gradle, API, Android SDK, XML, GitHub

- Developed a Kotlin-based Android application that identifies the most affordable grocery stores.
- Integrated Google Maps API to locate nearby stores based on zip code.
- Designed a cost-sharing feature that allows users to split expenses, improving financial tracking.
- **Awarded Best Team Project among 180 students.**

Skills

Technical Skills:

Bash · Python · React · Java · C/C++ · C# · SQL · JavaScript · HTML/CSS · Docker · Kubernetes · Javascript · AWS · Git/GitHub Actions · Jenkins · TCP/IP Protocols · NodeJs · Agile Methodologies · API Testing · MySQL · MongoDB

Certifications:

[AWS Cloud Practitioner](#)

[Certified Scrum Master \(CSM\)](#)