Sharv Ashutosh Utpat

Bay Area, CA| sutpat1@gmail.com | 408-786-8941
LinkedIn • GitHub • Portfolio

Education

The University of Texas at Dallas
Bachelor of Science in Computer Science   **August 2021 – May 2025**
- Computing Scholars Honors Program, Collegium V Honors Program
- Cumulative GPA: 3.5/4.0

Technical Skills
- **Programming Languages:** Java, Python, JavaScript, TypeScript, SQL, HTML, CSS
- **Software:** React.js, React Native, Next.js, Tailwind CSS, Spring Boot, REST APIs, Linux, NumPy, Pandas, Flask, spaCy (NLP), AWS: S3, EC2 (Elastic Compute Cloud), Lambda, IAM, RDS, DynamoDB, Bedrock, SageMaker
- **Technology Platform:** IntelliJ, Eclipse, PyCharm, Cursor, Visual Studio, Xcode, GitHub, GitLab, Microsoft Office 365, Figma, Cybersecurity

Work Experience
- **USAA**   **May – August 2024**
  Full Stack Software Engineering Intern in Payments Technology Department
  - Enhanced an internal customer service tool, allowing developers and other USAA employees to view and manage member's connected bank accounts
    - Enhanced the user interface using **React.js** and implemented backend REST API calls with **Java** and **Spring Boot**
    - Built a search component to retrieve bank account details using member ID
    - Integrated **CI/CD pipelines**, **OpenShift Deployments**, and **Automation** for a successful product launch
  - Extracurricular: Participated in the AWS Game Day Hackathon at USAA

Certifications
- **AWS Certified AI Practitioner (January 2025)**
  - AI/ML, Prompt Engineering, Generative-AI
- **React.js Essential Training (March 2025)**
- **JPMC Software Engineering Virtual Experience (May 2024)**
- **AWS Certified Cloud Practitioner (August 2023)**

Projects
Fast Food AI Chatbot Application– (GitHub)
- Led a 4-member team to develop a full-stack fast food chatbot for In-N-Out using Flask and spaCy
- Leveraged NLP techniques with spaCy to process customer inquiries, allowing the chatbot to understand menu items, prices, and specific order requests in natural language
- Built a dynamic menu system by loading and normalizing data from a CSV file, ensuring consistency in menu item names and real-time updates for customer interactions
- Designed and implemented a user-friendly web interface, integrating both front-end and back-end components, ensuring seamless communication and efficient order processing for customers

Personal Portfolio Website – (GitHub)
- Built a responsive and SEO-friendly portfolio website using React, Next.js, TypeScript, and Tailwind CSS
- Utilized Next.js for optimized server-side rendering and improved performance
- Designed a clean, user-centric UI with Tailwind CSS for fast, consistent styling
- Integrated a Resend email API to implement a secure contact form, using environment variables to manage API keys and follow best practices in API security

Gardening Social Media Application – (GitHub)
- Collaborated with a team of four developers to design and implement the user interface for a gardening application

- Utilized JavaScript and React Native to build a dynamic, cross-platform mobile app, ensuring a responsive and intuitive user experience
- Focused on frontend development, UI/UX design with Figma, and seamless integration across devices

Connect Four Application – (GitHub)
- Collaborated with a team of three peers to develop a Connect Four game using MIPS assembly language
- Implemented a graphical user interface (GUI) featuring a bitmap display to visually represent the game board, simulating colored discs for an immersive gameplay experience
- Player can play against computer or another player