SURYA SUNKARI

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EDUCATION

The University of Texas at Austin, Austin, TX   May 2026
Bachelor of Science in Computer Science: GPA: 4.00/4
      Relevant Coursework: Data Structures/Algorithms, Computer Arch., OS, Machine Learning, Cloud Computing
Bachelor of Science in Mathematics: GPA: 4.00/4
      Relevant Coursework: Discrete Math, Linear Algebra, Multivariable Calculus, Probability, Differential Equations
Additional: Minor in Economics, Minor in Applied Statistical Modeling
Research Publications: Dobby: A Conversational Service Robot Driven by GPT-4 (Accepted at RO-MAN 2024)

EXPERIENCE

Wayfair - *Software Engineering Intern;* Austin, TX   May 2024 - Aug 2024
- Designed and implemented an automation microservice capable of consuming over 9,500 **Kafka** messages per minute from various topics, reducing data processing time by 15% and further decoupling from external APIs
- Expanded backend functionality by developing 20+ new endpoints to interface with carton route creation and logical/physical conveyability, utilizing **Java Spring Boot**, **Kotlin**, and **PostgreSQL**
- Implemented unit, integration, and end-to-end tests to increase overall code coverage from ~70% to over 90%

Cacao.tax - *Software Engineering Intern, Tech Lead*; Austin, TX   January 2024 - May 2024
- Automated data collection of tax-related information from passports, boarding passes, receipts, etc.
- Created pipeline using **Expo**, **React Native**, **CV**, and **MySQL** to shorten tax refund process from >25 min to ~3 min

Locol - *Software Engineering Intern, Tech Lead*; Austin, TX   August 2023 - December 2023
- Built upon existing authentication functionality to create a fully functional onboarding service and file manager for both businesses and student freelancers using **AWS Amplify**, **AWS Cognito**, **AWS S3**, and **Next**
- Coordinated a team of 4 other software development interns to ensure quality code and timely developments

Paycom - *Software Engineering Intern*; Grapevine, TX   May 2023 - August 2023
- Developed a full-stack application that combined Paycom's report builder service with their proprietary encryption API to safely transmit Personally Identifiable Information to over 44,000 clients/employees
- Designed a SQL Query Preview page using **React** to securely view sensitive data that is expected to roll out to more than 36,000 client companies, uses **PHP** for the backend

PROJECTS

SWOOSH - *BUIDLathon @ ETHDenver 2024*   February 2024
- Built a payment/bill-splitting app featuring in-app wallets, gasless transactions, and stablecoin integration to eliminate fees and decrease payment finality time from ~3 days to minutes using **React**, **Solidity**, and **ThirdWeb**
- Competed against 200+ teams to win Solana's **"Best DeFi/Payments Integration"** and place second in **"Most creative BUIDL using the XDC Network"**

MESSENGER APPLICATION - *Personal Project*   December 2023
- Created a dynamic user interface that allows for the implementation of real-time messaging into applications using **Socket.io**, responsiveness across all devices, file/image upload, group chat, E2E Encryption, and **SEO**
- Utilized various modern technologies, such as **Next**, **React**, **Tailwind**, and **MongoDB**, for seamless design

ORGANIZATIONS

Texas Undergraduate Computational Finance - *Junior Analyst*   January 2024 - Present
- Engaged in weekly symposiums on options theory, ML model construction, macroeconomic topics, and statistics
- Authored weekly financial market watches and stock pitches sent out to hundreds of current members/alumni

Texas Momentum - *Director of Special Projects*   August 2023 - Present
- Developed production-ready, full-stack applications for various startups as part of startup accelerator program
- Consulted various companies on the user interface aspect, scaling user base by over 250% in some cases

Texas Blockchain - *Co-director of Labs Division*   August 2022 - Present
- Developed decentralized apps for a variety of crypto companies, such as BNB Chain, NEAR, and Solana
- Competed and placed in numerous blockchain related hackathons, strengthening skills in web3 app development

SKILLS

Languages: Advanced JAVA, Python, C, C++, SQL, PHP, HTML, CSS, JavaScript, TypeScript, SQL, MongoDB, Kotlin, Clojure
Frameworks/Services: AWS, React, Next, Flask, Tailwind, Node, Docker, Pandas, GCP, Kafka, Spark, Hadoop, Java Spring