

# ANUSH SONONE

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## EDUCATION

The University of Texas at Austin Bachelor of Science, Computer Science May 2027

## EXPERIENCE

Hyphen Solutions LLC. Jun 2023 - Present

Software Engineering Intern (Wallet Payment Services) - Farmer's Branch, TX

- Engineering AWS Step Functions to ingest, validate, and reconcile payment batches of **\$200K - \$2M** from Builder ERP
- Enriching Wallet UI by utilizing multiple frameworks to validate PaymentBatch IDs and Payment Method handling on Dashboard
- Testing and launching pipelines in staging environment to successfully launch **18 new instances** of production features with QAs

Ann Bernard Enterprises LLC. May 2022 - Jun 2023

Software Engineering Intern (Independent FinTech Contractor @ Wallet Payment Services) - Cuero, T.X.

- Developed SQL procedures to update Builder Payment Fee Schedules and Payment Methods affecting **116,400 client records**
- Architected Wallet Welcome Page and accumulated **32K+ monthly visits**, streamlining Client Onboarding and Supplier UX
- Integrated J.P. Morgan 'Update a Supplier' API into Wallet DB to enable account and routing number tokenization/confirmation

Edikt Studios LLC. Aug 2021 - May 2022

Game Development Intern (Game Design and Production Team) - Frisco, T.X.

- Launched Escape Room, Platformer, and Racing games for K-12 use, earning classroom approval from **4 KISD Schools**
- Animated **110+ 2D Player Sprites** w/ Unity, leveraging C# for smooth transitions and real-time rendering across games
- Enhanced gameplay realism w/Unity Engine, coding collision detection, rigid-body dynamics, and player-object kinematics

## PROFESSIONAL PROJECTS

Wallet DB Swagger API Integration and Documentation Website Aug 2024 - Present

- Standardized and validated Wallet API endpoints under OpenAPI standards, utilizing endpoint versioning, schema validation, and streamlined Swagger documentation to simplify external integration for over **580 builders** and **17,500 suppliers**
- Improved integrity of Payment Batch Processing across multiple environments by rigorously testing API documentation for Batch API, Payments API, and Wallet Payment Status Webhook to ensure PCI-DSS and SOC 2 compliance
- Configured token-based authentication for Wallet APIs, utilizing OAuth 2.0 to secure over **500K+ API requests** per month

Wallet UI Bank Information Submission Integration Jun 2024 - July 2024

- Engineered UI forms for bank submissions using React.js, focusing on asynchronous validation and secure API communication w/ JPMC Update a Supplier Endpoint to implement token-based authentication for over **15K+ monthly transactions**
- Integrated J.P. Morgan API response handling by implementing asynchronous custom callbacks and advanced error-handling routines, utilizing Node.js middleware to manage API flow, securely encrypting and tokenizing banking details for **10K+ vendors**

Wallet UI Payment Method Tab Dashboard Sept 2023 - May 2024

- Optimized payment method selection process by integrating a ScrollableBuildersList component for efficient retrieval of **7 unique payment methods** via streamlined API interactions, enhanced indexing, and asynchronous data processing
- Drove adoption of Virtual Credit Card into Wallet by implementing targeted data filtering to display critical transaction details, enabling the application of a 1.75% transaction fee on high-value orders and generating additional **\$680k+** in to-date revenue

## LEADERSHIP AND COMMUNITY INVOLVEMENT

Texas Luminescence August 2024 - Present

AI/ML Build Team Member

- Building CNNs in "Lie Detection Using Microexpressions" to classify facial muscle activations for deceptive behavior analysis, combining w/ LSTM networks to capture dependencies of microexpression sequences to enable detection of subtle expressions

Texas ECLAIR Robotics Club August 2024 - Present

Battle Bots Peer Mentor Role

- Mentoring team of 7 in constructing competitive Battle Bots, focusing on defensive resilience in high-impact scenarios
- Working w/Texas Inventionworks to integrate microcontroller-driven coding & advanced wiring for custom defense mechanisms

## HONORS AND AWARDS

- City of Keller Top 10 Graduate Award - Rank 5 of 743 Students May 2024
- University of Texas System \$48,000 Academic Excellence Scholarship Dec 2023
- Top Intern Award @ Hyphen Solutions, Dallas Branch - Certificate of High Performance in Fullstack Development Aug 2023

## SKILLS

Languages: Python, JavaScript, Java, C/C++, SQL, HTML/CSS, TypeScript

Technologies/Frameworks: Node.js, React.js, Spring Boot, Postman, Docker, pgAdmin