

# Shaswat Kumar

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## EDUCATION

The University of Texas at Dallas

May 2025

Bachelor of Science, Computer Science

## CERTIFICATIONS AND TECHNICAL SKILL EXPERIENCE

Certifications: KodeKloud – JSON Path (2022)

Programming: Java, JavaScript, C++, C#, React.js, Python, HTML & CSS

Frameworks: React-Native, Figma, Spline, Android Studio, Expo, Firebase, Linux, AWS

## PROJECTS

Bankwise – Front-end Developer

November 2022 - November 2022

- Won **Best Design** at HackUTD IX (3rd largest hackathon in the U.S) out of **191 teams** and **1,000+ participants**
- Designed and developed a **financial data app** that integrates information from multiple bank accounts into a single, unified **platform**, utilizing a variety of **technical tools** to ensure **efficiency, reliability, and security**.
- Utilized **Figma** to create comprehensive **wireframes** that meet user needs and conducted extensive **user research** to validate the functionality of **prototypes**, ensuring a **user-centered** design approach.
- Implemented front-end using **React Native** and collaborated with **back-end** developers to enhance user experience and streamline user flow.

Shop&Share Project – Full-Stack Developer

September 2022 - November 2022

- Successfully competed at the Association for Computing Machinery's **highly selective development program**, with an acceptance rate of only 5%.
- Designed and implemented the **front-end architecture** of a shopping list app using **React Native** and **Node.js**, incorporating various front-end and back-end tools and an **SQL database** for cloud storage.
- Demonstrated proficiency in utilizing React Native to design and **implement highly functional cross-platform mobile applications**, developed advanced technical expertise in **software development** and **project management**
- **Collaborated** with a team of developers to plan and execute project milestones, **troubleshooting, resolving bugs**, and technical issues as they arose
- **Conducted user research with 200+ people** to gather feedback and improve the user experience

Music Production / Songwriting

October 2017 - Current

- Developed and released **original music**, including **singles** and full-length **albums**
- Collaborated with other artists, producers, and musicians on a variety of **projects**
- Analyzed **data and metrics**, such as streaming numbers, to assess the effectiveness of **marketing efforts** and make adjustments as needed
- Grew a dedicated fan base and increased engagement through **communication** and **interactions**
- Secured a **verified artist profile** on major music streaming platforms

## ORGANIZATIONS AND LEADERSHIP EXPERIENCE

National Technical Honor Society (NTHS) – Founder/President

August 2018 - May 2021

- Founded and served as the **leader of a chapter** of NTHS at Cinco Ranch HS for **three years**.
- Honor society with a focus on **career exploration** and providing information about **various industries and professions**
- Invited **guest speakers** from various careers to discuss their **experiences** and **insights** about **working in their respective industries**.

Cinco Ranch Robotics Team – Lead Design/Lead Programmer

May 2019 - May 2020

- Served as the **Lead Designer** and **Programmer** for my high school's robotics team
- Worked with a team to design and build a functioning robot that could **complete various tasks** within time constraints
- Competed in state tournaments and **qualified for the national competition**, but the event was cancelled due to the COVID-19 pandemic
- Received the **Creation Award** for innovative design of the robot's controller