

David Butsch

College Station, Texas • (469) 907-3113 • dcbutsch@tamu.edu • davidbutsch.com

EDUCATION

Texas A&M University | College Station, Texas

Computer Science & Engineering

May 2028

4.0 GPA

EXPERIENCE

Bluebird Financial Services

Developer

July 2023 – December 2023

Dallas, TX

- Developed a prototype application to collect and display restaurant sales and performance data using **Node.js**, **Express**, and **React**.
- Provided technical insight to company leadership on product development and scalability.

DTE Basketball

Lead Developer

January 2025 – Present

Remote

- Developed application supporting user authentication with **AWS Cognito**, online transactions with **Stripe**, and SMS/email notifications with **AWS SNS**.
- Responsible for ensuring application uptime, deploying updates, and patching vulnerabilities.

Firelytics.AI

Co-Founder & Developer

February 2025 – Present

College Station, TX

- Co-founded the company and led development for backend software.
- Onboarded two frontend developers, introducing them to the codebase, workflows, and project architecture.

Projects

NASA Hunch

- Developed event transmission system with **Socket.IO** and **Redis** for operational control of robotic arm hardware.

January 2022 – April 2022

Houston, TX

Zyae Music

- Developed music streaming application using **React**, **Express**, and **Typescript**.
- Integrated Youtube Music APIs to deliver audio and provide music recommendations.

October 2022 – June 2023

Dallas TX

SKILLS

Languages: Typescript, Python, C#, Swift, SQL, HTML, CSS

Technologies/Environment: Linux, Postgres, Git, Docker, Node.js, Adobe Creative Cloud Suite

Cloud/DevOps: AWS (S3, ECS/Fargate, EC2, RDS, Cognito), Cloudflare