

# Yatharth Gautam

## Entry-Level Software Developer

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### SUMMARY

Entry-level Software Developer with hands-on experience building web and mobile applications using **Java**, **JavaScript/React**, **Python**, **Firebase**, and **MySQL**. Delivered projects spanning CRUD workflows, real-time data, GUI development, and database design; comfortable with Git-based collaboration and debugging.

### SKILLS

**Languages:** Java, Python, JavaScript, SQL, C/C++ | **Web:** React, HTML5, CSS3  
**Backend:** Flask (project-based), REST-style APIs, Authentication (project-based)  
**Databases:** Firebase (Realtime DB), MySQL  
**Tools:** Git/GitHub, MySQL Workbench, Azure Data Studio, Android Studio, IntelliJ, VS Code, Docker

### EDUCATION

**University of Texas at Arlington** — Arlington, TX  
**B.S. Computer Science** | GPA: 3.7/4.0 | Aug 2020 – May 2024  
**Coursework:** Data Structures & Algorithms, OOP, Databases, Operating Systems, Computer Networks, Software Testing, AI

### PROFESSIONAL DEVELOPMENT

**Executive Post Graduate Certification in Data Science & Artificial Intelligence** — iHUB DivyaSampark, IIT Roorkee (Intellipaat)  
In progress  
**Focus:** Python/Linux, SQL, Machine Learning, Deep Learning (TensorFlow), NLP, GenAI (LangChain), MLOps, PySpark, Power BI.

### PROJECTS

**Shopping List Converter (Route-Optimized Shopping App)** | May 2024

**Tech:** React, JavaScript, Firebase

- Developed a React application that structures shopping lists and maps items to stores to support an efficient shopping workflow.
- Implemented Firebase-backed persistence with real-time updates and CRUD operations for user lists.

**ServeMeSystem (Household Services Finder)** | May 2022

**Tech:** Android Studio, Firebase, OOP

- Built an Android app to discover service providers by location with search and filtering capabilities.
- Integrated Firebase for real-time storage and retrieval across app screens; modeled provider/client entities using OOP.

**Online Ticketing System (Cinema Booking)** | Dec 2022

**Tech:** MySQL, SQL, Python

- Designed a normalized MySQL schema in MySQL Workbench to support cinema booking workflows (movies, showtimes, tickets).
- Built a Python integration layer to execute SQL queries and support end-to-end CRUD operations.

**Jade (Contactless Ordering & Receipting)** | Nov 2021

**Tech:** Java, AWT, OOP

- Developed a Java AWT desktop application for contactless ordering and receipt generation.
- Implemented OOP-based models for users/orders, plus input validation and basic error handling.

### EXPERIENCE

**UTA Academic Success Center** — Tutor | Jan 2022 – Present

- Delivered one-on-one tutoring in Mathematics, Physics, and Programming (Python, C, Java).
- Led group problem-solving sessions to teach structured approaches and debugging strategies.

### HONORS

- Maverick Academic Scholarship (\$8,000/year), 2020–2024
- Dean's List (UTA), Spring 2022