Rohan Arya

Full Stack Developer

EDUCATION

University of Illinois Urbana Champaign — *Bachelor of Science in Computer Science and Statistics*

Graduating May 2025

GPA: 3.7/4.0

Relevant Classes: Machine Learning Optimization, Algorithms, Computer Science II (Object Oriented Programming and Design), Data Structures, Discrete Structures, Computer Science I, Advanced Data Analysis

WORK EXPERIENCE

ColomboAI — *Full Stack Developer*
August 2024 - Present

- Worked as part of a global team spanning the U.S and India
- Developed social media application using **Flutter** and **Dart** for mobile and **Next.js** and **Tailwind** for desktop
- Implemented authentication and user management features using **Firebase Authentication** boosting app security
- Wrote **unit tests** and **integration tests**, fixing bugs and documenting processes to augment productivity by **30%**
- Wrote **SQL** queries for handling large scale data models
- Utilized **Java** to create and consume **RESTful** services to communicate across the stack

Hatch Recruiting — *Full Stack Developer*
February 2023 – August 2024

- Implemented resume parsing algorithm in **Python** to extract and structure key information such as skills, education, and work experience from diverse resume formats reducing time to find a perfect candidate by **95%**
- Implemented 4 figmas weekly with **Next.js**, **React.js**, **Typescript**, **Tailwind**, and **CSS**
- Designed and built **DB endpoints** in **Python** and **Next.js**, with an **ORM** to ensure stateful user data storage
- Deployed backend server within **docker** container in **AWS EC2** instance to facilitate traffic between frontend and **PostgreSQL** improving efficiency by **12%**
- Wrote **SQL** queries to store user data within milliseconds in **AWS** supported backend
- Utilized **Java** to create and consume **RESTful** services to communicate across the stack

Stealth Startup — *Full Stack Developer*
May 2024 – September 2024

- Designed and implemented payment infrastructure using the **Stripe API**, optimizing transaction processes by **50%**
- Implemented authentication and user management features using **Firebase Authentication** boosting app security
- Integrated and managed **Firestore database**, increasing efficiency of seamless data storage and retrieval by **18%**
- Wrote **unit tests** and **integration tests**, fixing bugs and documenting processes to augment productivity by **20%**
- Developed a mobile application using **Flutter** and **Dart**, focusing on user-friendly UI/UX design

DisplayRide — *Software Engineer Intern*
July 2022 – December 2022

- Redesigned driver support page to have better UI/UX for user-friendliness using **React.js** and **Typescript**, reducing customer complaints by **75%**
- Designed driver support time lapse sections for customer devices on **Firebase** servers in **React.js** and **Typescript** to increase driver transparency by **40%**

CONTACT

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U.S Citizen

ADDRESS

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94568 Dublin, CA

SKILLS

Coding Languages

- Java
- React.js
- Next.js
- Typescript
- Tailwind
- CSS
- Python
- MySQL
- Javascript
- C++
- Flutter
- Dart
- Go
- C#
- Node.js
- Express.js

Software

- Docker
- Terraform
- Github
- PostgreSQL
- MariaDB
- AWS

LANGUAGES

- English, Native Proficiency
- Hindi, Working proficiency
- French, Working Proficiency
- ASL, Working Proficiency