SHEHMIR RANGWALA

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Education

University of Texas at Dallas   **August 2020 − May 2024**
Bachelor of Science in Computer Science   *Richardson, Texas*
- **Courses:** Advanced Data Structures/Algorithms, C++/Linux/Java, Linear Algebra, Probability and Statistics

Experience

JP Morgan Chase & Co   **June 2023 − Present**
Software Engineer Internship   *Plano, Texas*
- Designed and maintained a complex loan integration program using **Figma**, **React**, and **NodeJS**. Deployed changes through efficient **CI/CD pipelines**.
- Led **Back-end development**, modernizing an outdated **SOAP API** to a high-performing **REST API** with Java **Spring Boot**. Conducted thorough **jUnit testing** to ensure robust functionality and optimal performance.
- Developed and deployed an **AWS Glue** job using **pySpark and SQL** to efficiently gather, filter, and securely store **10,000+ entries** into **Amazon S3 Bucket**.
- Skillfully executed **Agile** tasks, collaborating seamlessly with cross-functional teams using **JIRA**, **Bitbucket**, and **Kanban** methodology for efficient project management.

Fluid Group LLC   **November 2020 − July 2022**
Co-Owner & Full Stack Engineer   *Remote*
- Built **automation software in JavaScript & Golang** to purchase high-demand fashion and accessories acquiring **$1M+** of revenue with **10,000+** successfully purchased products between **1,000+** active subscriptions.
- Developed connection of application using **Electron** & **Exalt JavaScript Framework** with the focus on bundle size and cross-platform compatibility.
- Managed backend involving **Golang gRPC** for communication between front-end and back-end.
- Led a team of **5 developers** to complete beta & 1.0 of the project, writing over **10,000+** lines of code.
- Created and maintained **WS**, a NodeJS WebSocket Library, for centralized processes to decrease load on user's machine.

Projects

HackUTD Hackathon Project | *Pandas, NumPy, React, Material UI, Recharts, Google Dialogflow*   **November 2022**
- Curated and analyzed a dataset of over **15,000+** data points for EOG, utilizing **Python Pandas and NumPy** to rank the optimal drill bits based on depth and material.
- Implemented a sophisticated **AI Chatbot** solution using **Google Dialogflow** to provide personalized recommendations for the best drill bits based on user inputs.
- Developed a visually immersive and responsive front-end using **React**, leveraging **Matplotlib**, **Recharts** and **Material UI** for intricately visualizing data.

eBay Discount Discord Bot | *Python, eBay API, Discord API, AWS*   **April 2021**
- Developed a Discord Bot to find discounted items and compare prices to eBay's recently sold and filter items to maximize profit making use of **eBay's Marketplace Insights API**.
- Automatically scraped for discounted items and implemented **Python's discord.py API wrapper** to connect program's back-end to Discord's front-end.
- Introduced the bot to **10+ discord groups** totaling over **1,000 members**, allowing for over **$10,000 profit**.

Leadership / Extracurricular

Fraternity and Clubs   **December 2021 − Present**
President and Web Developer   *University of Texas at Dallas*
- **Vice President** of Delta Epsilon Psi The Beta chapter, the largest South Asian Fraternity in the United States.
- **Treasurer** of Hack to Help, one of the largest Hackathons in Texas. Managed finances since Summer 2022.

Technical Skills

Languages: Java, C++, NodeJS, JavaScript, Golang, Swift, Python, HTML-CSS, C#
Developer Tools: VS Code, Google Cloud Platform, Amazon Web Services, Xcode
Technologies/Frameworks: Spring Boot, React, ExaltJS, Discord.py, gRPC, Linux, SQLite, Requests, REST API, Selenium, BS4
Certifications/Awards: **Scrum.org Professional Scrum Master Certification**, Hack to the Future Hackathon Winner, Toyota Business Practices Training, Eagle Scout Award