At Furious Fox, I had the privilege of playing a crucial role in the development of Equity Match, a dynamic platform designed to foster connections between investors, mentors, and founders. The platform serves as an essential tool in the entrepreneurial ecosystem by streamlining business management and startup funding processes.

As part of a team of five senior tech professionals, I worked as a backend software engineer alongside a full-stack developer, a front-end developer/designer, a project manager, and another backend developer. My responsibilities were pivotal in building and scaling the platform's backend, with a particular focus on the Recommendations API and the Connections API, which became central features for matching investors with startups.

Leveraging Node.js, Express.js, and MongoDB, I was responsible for designing and implementing RESTful APIs that were both robust and scalable. These APIs facilitated smooth data exchange across the platform, connecting different user types and ensuring seamless interaction between founders and potential investors. I took ownership of

documenting the APIs in a clear and structured manner, ensuring that other developers could easily integrate new features and that our development process was streamlined.

A key element of my work was building the MVP (Minimum Viable Product) and scaling it to accommodate a growing user base. I integrated various third-party services and APIs to enhance platform functionality, including authentication, notification systems, and data storage services. Working with Postman for API testing and **Docker** for containerization, I ensured that our development environment was consistent, secure, and scalable across different stages of the project.

I was also responsible for database management, where I created and managed MongoDB databases hosted on private servers to ensure optimal security. I meticulously designed and optimized the database schemas to match the API requirements, ensuring smooth performance as the platform scaled. In addition, I configured the backend infrastructure to handle data efficiently, implemented pagination and query optimizations, and managed records across multiple user sessions.

During my time at Furious Fox, I also focused on maintaining code quality, implementing best practices, and ensuring that all project milestones were met. I adhered to strict deadlines, coordinated with other team members, and contributed significantly to ensuring that the platform's backend infrastructure remained secure, efficient, and capable of supporting future growth.

Overall, my experience at Furious Fox emphasized collaboration, technical expertise, and strategic thinking, allowing me to deliver key backend systems for Equity Match while driving the project to successful completion.