API Engineering

About Anheuser-Busch

Founded more than 165 years ago, Anheuser-Busch is one of America's most iconic companies and the undisputed leader of the U.S. beer industry, with brands such as Budweiser, Bud Light, Michelob Ultra, Stella Artois and many more. We are proud of our history and heritage and remain committed to brewing the great-tasting, high-quality beers that have satisfied beer drinkers for generations.

Today, we are 18,000 colleagues strong—spread out across the country, united by a deep passion for making great products and an unwavering commitment to supporting the communities that we call home. Dreaming big is in our DNA, and we are now writing the next chapter in Anheuser-Busch's great history – one of growth, innovation, sustainability, and one that will help us achieve our mission of bringing people together for the next 165 years and beyond.

We hope you will join us on this mission!

The Job & The Team

"Beertech" is a new function inside Anheuser-Busch, which operates like a technology startup. Beertech is responsible for building software products that are a competitive advantage to our business and comprises two technical functions (Engineering and Data Science) which support our Product Office (Product Management and Product Development).

As a member of the API Engineering team, you will report through the Engineering function. The engineering function comprises seven technical guilds; DevSecOps, Data Platforms, Data Solutions, Backend Services, API Engineering, Business Intelligence and UI/UX Engineering. The objective of the API Engineering team is to design and build a federated Graph API layer to decouple all client needs from microservices which host data or services. This will support all serving of data to client side needs; including web and mobile applications, machine learning services, reporting services and data systems. This function will be responsible for modernizing existing data consumption interfaces, as well as building new endpoints by employing a microservice architecture, scalable patterns and open source languages and frameworks for continuous change and expansion. You will also have the opportunity to influence architecture and the technology stack to promote quality and innovation necessary for industry changing experiences.

What you will do

- Build performant, secure, always-on next-generation federated GraphQL APIs that power critical workloads at global scale.
- Collaborate with application teams, machine learning teams and data teams to design reusable and scalable patterns for serving data, and facilitating communication between microservices or triggering event based jobs.
- Collaborate with DevSecOps teams to embed role based access control (RBAC) into all API AuthN/Z systems.
- Setup documentation and systems to allow other engineering teams to contribute to the federated Graph API gateway by authoring API's, registering API's, deprecating API's and facilitating continuous change.
- Implement continuous, real-time monitoring systems for API usage, response times, load testing, blue-green deployments, A/B testing and penetration testing.
- Own and take responsibility for the health and uptime of API's in production.
- Modernize and transform legacy interfaces into modern architecture, to digitize and monetize our ecosystem.
- Interact daily with Product, Data Science and Data Engineering teams to promote and integrate new technologies and reusable components.
- Develop and deploy features continuously with automated unit, integration, and e2e testing.
- Review code daily to promote high quality and frequent production deployments.
- Contribute to our long-term technical roadmap.

Who we are looking for

- Bachelor's or Master's degree in Computer Science, or related engineering field (or equivalent experience).
- Real-world experience developing scalable software.
- Experience in designing user experiences and building federated API gateways using modern and open source tools.
- Passion for precision engineering, high performance software systems and building software that creates long-term sustainable value.
- Experience with high velocity CI/CD systems, agile ways of working and A/B testing to accelerate iteration cycles.

Technology Skills

- TypeScript
- GraphQL

- Apollo
- Node.js
- Nest.js
- Micro-service architecture
- A/B testing
- TypeORM
- MongoDB
- PostgreSQL
- Redis
- Kafka
- Unit testing, integration testing, E2E testing
- Cloud systems (Azure, AWS, GCP)

Extra Credit

- Nest.js
- Apollo GraphQL Federation
- Kafka
- Kubernetes
- Envoy Proxy

Benefits & Work perks

We offer generous benefit plan options that can be tailored for your needs and wellbeing:

- Health benefits including Medical, Dental, Vision, Wellness and Tax-Advantaged Savings and Spending Accounts
- Life Insurance and Disability Income Protection
- Generous Parental Leave and FMLA policies
- 401(k) Retirement Savings options with a generous company matching contribution
- Chance to work in a fast-paced environment among a company of owners
- Company sponsored training to continue your career growth and development
- Free Beer!