



Airtel Digital: Young Technical Leader (YTL) - Trainee

Are you ready to embark on a journey that will electrify your passion for technology and connect you with limitless possibilities? Airtel, the trailblazing global leader in the technological domain, is seeking fresh minds to join us as Emerging Technophiles in our dynamic Digital division. Step into a world where innovation knows no bounds, and your ideas can ignite the future of digital connectivity.

Bharti Airtel Limited is a leading global telecommunications company with operations in 18 countries across Asia and Africa. Headquartered in New Delhi, India, our product offerings in India encompass 2G, 3G, 4G and 5G wireless services, mobile commerce, fixed-line services, high-speed home broadband, DTH, and enterprise services including national & international long-distance services to carriers. We are pioneers, always seeking individuals with passion, curiosity, and conviction, eager to break away from conventional roles and do '**jobs never done before.**'

Engineering at Airtel - Where Innovation Meets Impact:

Our Engineering function is a haven for technical prodigies and creative visionaries who dare to reimagine the digital landscape. As the backbone of our business achievements, our Engineering teams drive the complete digitization of the organization. The challenges we conquer range from big data and analytics to product engineering, and we thrive in a technology-driven ecosystem.

ROLE: Software developer working on Product Engineering and Apps:

Airtel has the largest customer base & offers scale which opens up a world of opportunities. This is every developers dream as it allows him exposure to cutting edge technology, & a chance to eventually become full stack developers with exposure on both Web & App. Individuals will also have a chance to work on both, Airtel's internal suite of products & on external customer facing products like My Airtel, Airtel Money, ECAF, DT etc. We foster the spirit of entrepreneurship & empowerment which gives a developer the chance to be a part of the entire product life cycle starting from identifying the problem statement to developing their own unique technical solutions.

Key work done by engineering team in Airtel around Digital Channels and Product Engineering:

- Build products and features at scale which impact millions of users.
- Track user behaviors & taking real-time actions using distributed systems and data streaming stack consisting of Hadoop, Spark, Cassandra, Storm etc.
- Personalized help & support using Elastic search and NLP based solutions.
- We heavily use variety of NoSQL solutions to cater our variety of data persistence use cases. E.g. MongoDB, Aerospike, Cassandra
- We follow industry best software development methodologies like Modular Development Approach, Microservices etc.
- We practice tools like Git, Github, Bitbucket for code management and industry standard tools for continuous integration & deployment, Configurations management and infra management e.g. chef, Jenkins etc.
- We have automated pipelines for logging, deployments & quality measurement which enables real time measurements and powers large scale data flow across services.
- We process GBs of log data per day using Lambda architecture to understand our user better.
- Deployed multiple industry best monitoring systems like ELK to track any failures in our production environment.
- Teams having solid & rich experience working in both Web & App domain serving million users per day
- We use range of tools/languages/frameworks/libraries for our software development like Spring Projects, Caching Frameworks(Redis/Aerospike)

- Web Technologies(JS/Reactjs), NIO framework (Netty, Node JS), NoSQL Databases (Cassandra, MongoDB), Relational Databases(Oracle), Search Server (Solr, Elasticsearch), App (React native, Kotlin, Swift)
- We are agile. Our process is collaborative, transparent, use-centric and iterative.
- Airtel Digital follows a polyglot architecture – this allows teams to deploy the best suited application architectures that scale

Key products and Apps Web - Airtel web portals & App- MyAirtel App, Wynk Music/Movies/Games, Airtel Money, internal digital platforms such as ecaf, DT

Insights:

- My Airtel App one of top transacting and highest rated app on play store and app store.
- Wynk Music streams 25M songs on daily basis.
- Airtel's web and mobile portals are serving more than 19M customers on daily basis and 100M monthly active users
- We are processing ~2T data per day for all the consumer facing apps and products.
- We are handling millions of event stream data to process real-time.

Requirements:

- ❖ Adventurous Minds
- ❖ Tech Enthusiasts
- ❖ Visionaries with Wings
- ❖ Collaborative Instinct
- ❖ The X-Factor

Educational Qualification:

- ❖ 2026 Graduates
- ❖ B.Tech/BE from CS, IT , Mathematics & Computing
- ❖ 9 CGPA or above (Average for 6 semesters)
- ❖ No Active Backlogs