

Front-End Engineer and Back-end Engineer- TravelAd

TravelAd is a first-of-its-kind mobile advertising platform that connects global travelers with relevant, curated offers through channels like SMS, WhatsApp, and push notification. They work with leading telecom operators, media agencies, and global brands to deliver high-impact campaigns to travelers when they land in a new country

Location: Remote (Based in Lebanon)

Major: degree in Computer Science, Computer Engineering, or any related field

1- Front-End Engineer:

Experience: 2-4 years of front-end development experience

Major Responsibilities:

- Develop responsive and modern front-end interfaces using Next.js, React, and TypeScript
- Write clean, well-documented, and testable code
- Convert Figma designs into pixel-perfect, accessible code for our advertiser-facing platform
- Create interactive data visualizations for campaign reporting and forecasting features
- Collaborate with backend developers to integrate C# and Node.js APIs
- Optimize applications for maximum speed and performance

Additional Requirements:

- Minimum Proficiency in TypeScript, React, and Next.js framework
- Experience with responsive design and component libraries
- Familiarity with charting libraries for visualisation (for forecasting features)
- Experience working with RESTful APIs and handling authentication flows
- Knowledge of Git, CI/CD workflows (GitHub, AWS CodePipeline)

2- Back-End Engineer:

Experience: 4-6 years of backend development experience

Major Responsibilities:

- Build and maintain scalable APIs using C# and Node.js
- Develop secure data pipelines for processing subscriber data from MNOs
- Create and optimize database schemas for both SQL and NoSQL databases

- Implement sophisticated audience segmentation algorithms for targeted advertising
- Develop a forecasting system analyzing historical data to predict future travelling volumes
- Contribute to AWS infrastructure management and optimization
- Design integrations with various communication channels (SMS, WhatsApp, in-app notifications)
- Write clean, well-documented, and testable code
- Participate in architecture discussions, code reviews, and agile sprints

Additional Requirements:

- Proficiency in Node.js and/or C# (.NET Core)
- Experience with SQL and NoSQL database design and optimization
- Familiarity with AWS services (EC2, RDS, DynamoDB, etc.)
- Knowledge of RESTful API design and secure data handling practices
- Experience with authentication, authorization, and security best practices
- Understanding of caching strategies and performance optimization

How to Apply:

Kindly send your CV or contact the Career Services Center, E-mail: career.services@balamand.edu.lb,
Ext. 7801; 7802