

Kholbek I.

Senior Backend / Fullstack Developer

TechHive
IT's simple with us

Professional summary

Senior Full-Stack Software Engineer with 10+ years of experience building web, mobile, and cloud-based products. Specialises in TypeScript, React, Angular, and Node.js, with additional experience in Go, Python, React Native, and AI/LLM integrations. Combines strong frontend and backend development skills with hands-on AWS experience and a solid understanding of scalable distributed systems and Infrastructure as Code. A responsible team player with strong communication skills.

Education	Tashkent University of Information Technology
Skills	TypeScript, JavaScript Node.js, Nest.js, Express.js React.js, Vue.js, Angular Python AWS(Lambda, S3, Athena, RDS, DynamoDB, EC2, EKS, ECR, Route53, KMS, CloudWatch, EventBridges SNS), Azure Terraform, Docker, Kubernetes GraphQL, GRPC RabbitMQ NoSQL, Redis, MongoDB PostgreSQL, Oracle GitLab, GitHub,SVN CI/CD, Zero Downtime Deployment Techniques, Load Balancing Solutions Linux Jest, Mocha Agile

Company	**TechHive**
Project	**River Island**
Domain	Retail
Period	Oct 2024 – till now
Role	Senior Software Engineer / Fullstack Developer
Technologies	Node.js, React, TypeScript, GraphQL, AWS (S3, ECS, EC2, Lambda, CloudFront, CloudWatch, DynamoDB, RDS), Grafana, Snowflake

Responsibilities

- Developed and maintained a Shopify integration platform, ensuring reliability and seamless customer account synchronisation;
- Built and supported real-time customer data pipelines using event-driven architectures on AWS;
- Maintained data integrity across integrated systems using Snowflake and dbt;
- Supported GDPR compliance in customer data processing and synchronisation workflows;
- Implemented monitoring and alerting to detect integration failures and data pipeline issues;
- Developed retry and error-handling mechanisms to improve event processing reliability;
- Implemented data validation and reconciliation checks to maintain consistency between Shopify and downstream systems;
- Documented integration flows and operational procedures to support maintenance and knowledge sharing.

Company	**Brusnika Design and Engineering**
Domain	Design Services
Period	Mar 2023 – Oct 2024
Role	Senior Software Engineer
Technologies	Node.js, TypeScript, React, Kafka, RabbitMQ, PostgreSQL, RESTful APIs, Nest.js, AWS (EC2, EKS, ECR, Route53, S3, CloudFront, ALB, ACM, KMS, Lambda), NPM, Docker, Kubernetes, Nexus, Gitlab CI, Gitlab package registry, Gitlab container registry, GRPC, Microservices

Responsibilities

- Designed and implemented a microservices architecture that leverages Kafka and RabbitMQ for internal communication, ensuring scalability, fault tolerance, and real-time data processing;
- Helped to develop user-friendly and responsive web applications, creating seamless and engaging user experiences with React and Angular;
- Adept in backend development with extensive experience in managing databases, including PostgreSQL, and building RESTful APIs for various applications;
- Collaborated closely with cross-functional teams to contribute to architectural decisions, ensuring alignment with business goals and scalability.

Company	Synergy Effect
Domain	IT Services and IT Consulting
Period	Sep 2022 - Feb 2023
Role	Senior Software Engineer
Technologies	Node.js, TypeScript, AWS, CloudFront, S3, Next.js, GraphQL, Angular, React Native, ECommerce

Responsibilities

- Built auto service CMSs with Next.js;
- Contributed GraphQL APIs that can be shared and used across all platforms, such as web and mobile;
- Created a self-service web portal with Next.js and Angular;
- Contributed to the backend part Node.js with Hasura;
- Created mobile applications for self-service portal with React Native and GraphQL;
- Created serverless functions for MvP;
- Managed client apps on AWS.

Company	**HappyFunCorp**
Domain	Business Consulting and Services
Period	Feb 2022 - Sep 2022
Role	Backend Developer
Technologies	Node.js, React, JavaScript, Typescript, GraphQL, Prisma, Prisma, Azure, Express.js, Serverless, Azure functions, durable functions, Docker, Jira

Responsibilities

- Worked on Lennar internal home building project from scratch;
- Built the architecture from scratch for logical and physical models on green field internal application;
- Provided frontend using React, JavaScript for homesite building and communities;
- Developed started and closed home building Report Generation on monthly basis with REST APIs;
- Built backend endpoints using Node.js, GraphQL, and Prisma and deployed on Azure DevOps;
- Enabled Cloud service resources via Microsoft Graph API and launched Active Directory modules;
- Followed the Jira board for the agile work environment.

Company	Noumena. UK
Domain	Consumer Services
Period	May 2021 – Feb 2022
Role	Backend Developer
Technologies	Node.js, React.js, TypeScript, AWS (lambda, Dynamo DB, S3, MongoDB), Microservices, React, React Native, GraphQL, Apollo, Apollo federations, Oracle

Responsibilities

- Built a financial platform for freelancers to manage their payment accounts and get jobs;
- Built the financial portal using React.js, React hooks & redux for customer and financial management;
- Designed and developed user management microservices and used JWT strategy to enable auth;
- Contributed to the React Native mobile app tokens and implemented critical micro-services as part of DI architecture;
- Implemented push notifications service respectively due to complexity of the overall codebase;
- Provided financial GraphQL queries & mutations to be consumed on the frontend team;
- Resolved to deploy issues with differences between AWS DynamoDB & MongoDB;
- Wrote REST APIs using Node.js, Express on AWS Lambda functions to trigger actions based on event systems;
- Cooperated architectures to build from Logical data model to Physical data model;
- Performed code review and had pair programming sessions to be on the same page;
- Provided well-documented reviews in the retrospective meeting;
- Discussed technical issues by setting up additional meetings and resolved them.

Company	**ADP, LLC**
	Cloud-based human capital management (HCM) solutions
Period	Jan 2020 – May 2021
Role	Senior Full Stack Engineer
Technologies	Node.js, TypeScript Stencil.js, Salesforce, AWS (DynamoDB, AWS EC2, Lambda, S3), React

Responsibilities

- Developed POCs for embedding customized web component into Salesforce app;
- Contributed to test-driven development across the legacy apps based on Cypress;
- Suggested web components using Stencil.js;
- Migrated the entire back-end from Parse and a hosted database to Node.js and DynamoDB and AWS EC2;
- Updated design system to embed the one-styled components into several internal apps;
- Refactored existing 7 React codebase with better quality of code by adopting React hooks, callbacks;
- Consulted with designers regarding application functions layout using CSS flexbox and UI libraries.

Company	**BigCommerce**
Domain	Software Development
Period	Feb 2019 – Jan 2020
Role	Backend Developer
Technologies	Node.js, TypeScript, REST, Next.js, Stripe

Responsibilities

- Created MVPs and contributed to build additional functions;
- Developed the MVP version of frontend application using React.js and updated into Next.js;
- Built backend REST endpoints using Express for the subscription of products and introduced the middleware based on JWT;
- Integrated Stripe with the Next.js application using Node.js, Typescript, and extended functions related to payments;
- Collaborated with a product designer to refactor and implement features on the platform using Next.js;
- Deployed the application using Heroku for dev/stage and hot fixed production errors;
- Created reusable widgets that can be used to extend functions focusing on product management and subscriptions.

Company	**IUTLib**
Description	Software products, transferring innovative products and services to both domestic and foreign markets
Period	Apr 2018 – Feb 2019
Role	Full Stack Engineer
Technologies	TypeScript, Node.js, Vue.js, React, Angular, Docker, Github, Gitlab, Electron, Mobile, Desktop

Responsibilities

- Contributed to building platforms based on new UI designs for web and desktop apps;
- Defined testing requirements and wrote unit and behavioral test cases for a bunch of scenarios;
- Translated from class-based components into functional components using React Hooks;
- Successfully launched MVP and updated additional functions and features of the platform;
- Built RESTful APIs / JSON APIs and calls with Redux Saga as middleware to deal with asynchronous calls;
- Integrated with the 3rd party payment APIs, Payme and Click;
- Delivered updates following the software development lifecycle in the agile work environment.

Upwork (Freelance)	
Projects	Multiple projects
Period	Feb 2017 – May 2019
Role	Full Stack Engineer
Technologies	GraphQL, React, ReactNative, Kubernetes, GitLab

Responsibilities

- Delivered the following major version;
- Moved the project from serverless to server backend with GraphQL to achieve optimized speed and costs;
- Rewrote the project in a more suitable framework and structure;
- Speeded up database requests multiple times by implementing a customized CRUD operations layer on top of the ORM;
- Built an internal web chat application from scratch with React, integrated web audio/video call with Janus and WebRTC;
- Wrote unit tests and increased the backend test coverage from 20% to almost 90%
- Did high-quality code reviews on a daily basis;
- Built desktop app with electron for all Linux, Windows and Mac environments;
- Contributed to the mobile application with both ReactNative and Expo;
- Managed CI/CD, autodeployment on GitLab with Kubernetes.