Amriyev Sarvarjon GitHub | LinkedIn | amriyevsarvarjon@gmail.com

SAP BTP / CAP Developer | Node.js / TypeScript Software Engineer

Software Engineer with **5+ years of software development experience** and strong expertise in **Node.js, TypeScript, SAP CAP, and SAP BTP**. Currently working at LeverX on an enterprise SAP BTP project, developing and maintaining backend services with **SAP Cloud Application Programming Model (CAP), Cloud Foundry, SAP HANA Cloud, CDS, OData and REST APIs**.

Experienced in designing scalable backend services, data models, APIs, integrations, background processing, database optimization, testing, code reviews, and cloud deployments. Strong background in Node.js backend development with NestJS and Express.js, complemented by experience with modern frontend technologies.

Currently focused on expanding my expertise across the SAP BTP application stack and working with enterprise cloud applications.

Core SAP & Cloud skills

- **SAP CAP:** Node.js, CDS, services, handlers, actions, event handling
- **SAP BTP:** Cloud Foundry, application deployment, service configuration
- **SAP HANA Cloud:** SQL, data modeling, query optimization, database troubleshooting
- **CDS:** Data modeling, entities, associations, compositions, projections
- **APIs:** OData, REST APIs, service integrations
- **Cloud Foundry:** Application deployment, configuration, logs, troubleshooting
- **Backend:** Node.js, TypeScript, JavaScript, NestJS, Express.js
- **Databases:** SAP HANA, PostgreSQL, MySQL, MongoDB
- **Messaging & Integration:** RabbitMQ, SAP Event Mesh, external API integrations
- **DevOps:** CI/CD, Docker, Git, cloud deployments
- **Testing & Quality:** Unit testing, API testing, code reviews, ESLint
- **Frontend:** Vue.js, React.js, Vite

Professional Experience

LeverX — Software Engineer

September 2024 – Present

- Develop and maintain backend services for an enterprise **SAP BTP** application using **SAP CAP, Node.js**, owning 30+ CDS entities/services across the reference-data domain.
- Design CDS data models (entities, associations, compositions, projections) and build **OData/REST APIs** consumed by 40+ frontend/integration clients.
- Work with **SAP BTP Cloud Foundry**, including application deployment, configuration, service bindings, logs, and troubleshooting.
- Build background/asynchronous processing for scheduled and long-running operations, improving reliability of nightly data sync, queue processing.
- Investigate breaking changes in the **@sap/cds** ecosystem ahead of version upgrades, assessing impact across the codebase and documenting migration steps for the team.
- Perform code reviews and mentor junior developers, contributing to onboarding materials that reduced ramp-up time for new team members.
- Maintain technical/API documentation and validate endpoints with **Bruno/Postman** as part of the CI/testing workflow.
- Collaborate with frontend and backend developers in an Agile/Scrum environment.
- Integrate with external bank APIs to implement balance inquiry functionality, handling request/response mapping, error handling, retries for real-time account data.

Technologies: SAP CAP, Node.js, TypeScript, SAP BTP, Cloud Foundry, SAP HANA Cloud, CDS, OData, REST, JavaScript, Vue.js, Vite, PostgreSQL, Git, CI/CD

E-POS SYSTEMS — Backend Developer

September 2023 – September 2024

- Built backend modules for payment processing, sales analysis, and accounting on a tax-integrated POS platform using NestJS, Node.js, and TypeScript, supporting 3000+ daily transactions.
- Developed REST APIs and integrations with external services.
- Implemented asynchronous processing and inter-service communication using **RabbitMQ**.
- Designed database schemas and optimized queries using **PostgreSQL and Prisma**.
- Collaborated with frontend and mobile developers to define and maintain API contracts.
- Participated in code reviews and architectural discussions.

Technologies: Node.js, TypeScript, NestJS, PostgreSQL, Prisma, RabbitMQ, REST APIs, Docker, Git

Tridmo — Software Engineer

April 2022 – July 2023

- Developed scalable backend services using **Node.js, TypeScript and Express.js**.
- Designed and implemented REST APIs and business logic for web applications.
- Improved application performance through caching and database query optimization.
- Collaborated with frontend developers and other engineers to deliver new application features.

Technologies: Node.js, TypeScript, Express.js, Prisma, PostgreSQL, MongoDB, Redis, REST APIs, Git

Dizipro — Backend Engineer

October 2021 – April 2022

- Developed RESTful APIs and backend services using **Node.js, NestJS and TypeScript**.
- Designed API contracts and integrations for web and mobile applications.
- Worked with relational databases and Sequelize ORM.

Technologies: Node.js, TypeScript, Nest.js, Sequelize, Git, Docker, PostgreSQL/REST APIs

TheHotelUs — Backend Developer

May 2022 – September 2022

- Implemented booking, billing, room-management, and related backend modules using **Node.js and MongoDB/Mongoose**.
- Integrated the application with third-party services.
- Participated in technical discussions and Agile team meetings.

Technologies: Node.js, Express.js, Mongoose, MongoDB, REST APIs, Git

Certification - AWS Certified Cloud Practitioner

Languages - English: Upper-Intermediate

Technologies

SAP CAP, SAP BTP, SAP HANA Cloud, CDS, OData, Cloud Foundry, Node.js, TypeScript, JavaScript, NestJS, Express.js, PostgreSQL, MongoDB, MySQL, Redis, AWS, Docker, CI/CD, Git, REST APIs, RabbitMQ, React.js, Vite, Prisma, Agile/Scrum, Microservices