

Samujjal Majumder

Senior Backend Tech Lead

Berlin, Germany | [LinkedIn](#)

Github: <https://github.com/samujjal>

Backend Tech Lead with 16+ years of experience building and operating large-scale distributed systems in fintech and crypto. Currently leading backend teams at Trade Republic, owning business-critical platforms used by millions of customers.

Over the last 3 years, I've led teams responsible for core customer platforms and digital asset infrastructure, with end-to-end ownership from architecture and delivery to production operations.

Areas of ownership include:

Core Customer Platforms: identity and access management, onboarding and lifecycle workflows, account-related services, and customer communication capabilities

Digital Asset Platforms: production-grade wallet and staking systems, integrations with external institutional service providers, multi-asset support, and financial settlement and reconciliation workflows

Technical focus: Kotlin, Spring Boot, distributed systems, Postgres, AWS, Kubernetes, Terraform, Snowflake/dbt.

I focus on simple architectures, operational excellence, and systems that scale reliably in regulated environments, and I actively leverage AI-assisted development workflows to improve engineering leverage, design quality, and delivery speed while mentoring senior engineers and shaping technical direction across teams.

EXPERIENCE

Tech Lead, Backend Software Development Trade Republic Crypto: Hot Wallet Transfers, Crypto Staking and Rewards, Crypto Trade Settlement	Jan 2025 — Present <i>Berlin, Germany</i>
Tech Lead, Backend Software Development Trade Republic Customer Authentication, Customer Platform	May 2024 — Dec 2024 <i>Berlin, Germany</i>
Senior Software Engineer Trade Republic Customer Platform	Apr 2023 — Apr 2024 <i>Berlin, Germany</i>
Senior Software Engineer Wayfair Built Notification Platform for Wayfair Inventory Suppliers	Mar 2022 — Mar 2023 <i>Berlin, Germany</i>
Senior Backend Engineer Zalando SE Built Content Creation tooling and services for Zalando Studios	Jan 2020 — Feb 2022 <i>Berlin Area, Germany</i>
Lead Member Of Technical Staff athenahealth	Dec 2017 — Feb 2019 <i>Bengaluru Area, India</i>
Senior Software Engineer Gainsight	Mar 2016 — Nov 2017 <i>Bengaluru Area, India</i>
Senior Member of Technical Staff [24]7 Java, Groovy/Grails, Javascript, MySQL, Cassandra ChronOS: Distributed event processing and data collation system for agent and customer chat invites/interactions by customer on 247 Platform. Computed/aggregated data is used for reporting. System involves Cassandra, Java, Jgroups and MySQL. Automated Disposition, Pre/Post Chat form Builder: Implemented Javascript based system for generating embeddable HTML Forms from JSON data supporting several business logic and control dependency/visibility. The JSON data is generated by a PHP based Wordpress plugin where form controls can be edited by drag and drip support. The forms are primarily used as Chat Disposition by chat agents in 247 Inc. Application Development Platform(ADP): Developed a platform for configuring and deploying apps for 247-inc clients built on Groovy/Grails and a lot of Javascript. The apps include various widgets that get deployed on client sites like chat widget, invite app, insights app etc.	Jan 2014 — Mar 2016 <i>Bengaluru Area, India</i>
Software Development Engineer Groupon Design and develop systems for Groupon Goods. Python, Javascript, Django, Postgresql, Heroku Commerce Interface(Groupon Goods portal for order fulfillment): Orders placed into Groupon are fulfilled and tracked via Commerce Interface. It also is a vendor portal where vendors can view orders that are to be shipped. Vendor can register their inventory and subsequently propose deals with groupon for their respective marketplace. The portal is developed in	Feb 2013 — Jan 2014 <i>Chennai Area, India</i>

Python and Django web framework. I was involved in design and development for product inventory and deal management in the portal.

Software Development Engineer

Amazon

Jan 2012 — Jan 2013

Chennai Area, India

Design, develop and maintain systems for Kindle ePeriodicals Team.

Java, Simple Workflow Service, Javascript and bit of Perl

- Content Ingestion System (Kindle Fire HD): Content ingestion system is implemented to periodically download publisher feed from any hosted HTTP/FTP location and process it to create mobi file which is an Amazon Kindle proprietary file format. I worked on the system to create/generate a new generation of mobi file capable of carrying high resolution images for Kindle Fire HD devices (2nd Generation Kindle Fire). Much of the work pertained to creating a new workflow in the existing codebase using Extensible Stylesheet Language (XSL), Apache ANT build scripts and Java.
- Kindle Publishing Portal: Kindle publishing portal is the primary website for publishers to interact with Kindle ePeriodicals business group. The portal is used to collect all publisher account data like bank information, address and also lets the publisher manage all their digital publications. The development involved Perl, Mason within a proprietary Amazon framework called Gurupa.

Senior Software Engineer

FactSet Research Systems

Apr 2010 — Jan 2012

Hyderabad Area, India

Develop, design and maintain software systems for FactSet Research Applications (Content Collections Group) using

Microsoft Technologies like C#, WPF, SQL Server, and Visual FoxPro

- FactSet Research Connect (FRC) Document QA Application – The project is an multithreaded WPF(MVVM) Application using C# and SQL Server and aimed at providing quality assurance for various financial data contributors like Goldman Sachs, JP Morgan, Morgan Stanley, Credit Suisse data files which are then provided to Investment Bankers for their broker research. The document enables correction of various contributor data and tagging of document which is later published for sale. They are mainly targeted for buy-side customers.
- FactSet Research Connect(FRC) QA Report for Models and Document – This project involves displaying QA data of the FRC Document QA tool in various formats for models and document files in three different Excel Sheets for Latest day, Last 12 Months and Top 10 Contributors for last week. Used Excel Primary Interop DLLs to achieve the desired functionality using C# and SQL Server.
- FRC/FER Transaction Queue and Document Queue – This project is a desktop application built using WPF (MVVM design pattern), C# and SQL Server. This is a single project which can function as four different applications just based on a command parameter using which the views and a query to fetch the data is changed. The tool provides transaction and document related data for FactSet Research Connect and FactSet Embargoed Research apps with various search filters including transaction status and time and by default keeps updating the data after a set interval of time.

Software Development Engineer

MAQ Software

Jun 2008 — Mar 2010

Hyderabad Area, India

I worked on web development and multithreaded windows forms and services development using ASP.NET, C#, SQL

Server, JavaScript and JQuery.

My work involved a great deal of client communication for offshore requirements gathering thorough voice and emails as we worked on a global delivery model.

Apart from my regular work i also actively perform the following activities:

- Deliver technical training sessions within the company at varying levels of difficulty
- Member of technical interview panel for .NET vertical at MAQ Software
- Conduct Boot-Camp training sessions for freshers inducted into MAQ Software

EDUCATION

Motilal Nehru National Institute Of Technology

Bachelor of Technology - BTech in Information Technology

Jan 2004 — Jan 2008

Graduated with 7th rank in batch of Information Technology (2004-2008) from NIT Allahabad

Sishu Bihar HS School

High School in High School/Secondary Diplomas and Certificates

Jan 2002 — Jan 2004

CERTIFICATIONS

Leadership in Tech, LinkedIn

May 2022

Duolingo,

SKILLS

Kotlin · Postgres · Kubernetes · Java · Data Structures · JavaScript · Software Development · Agile Methodologies · Web Development · Web Services · Design Patterns · Object Oriented Design · Multithreading · Software Engineering · Algorithms · Distributed Systems · Scrum · Perl · SQL · Python