

Ubaid R Butt

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Backend / Platform Engineer • 8+ Years Experience

PROFESSIONAL EXPERIENCE

Senior Software Engineer — GenAI & Platform | *Nationale Nederlanden* (Jul 2023 – Present)

- Led migration of legacy document processing applications to the modern stack (Node.js, TypeScript, & AWS), serving 10M+ documents to 3,000 brokers via a portal and third-party integrations with external systems
- Built platform tooling for 40+ engineers in 5 teams, including standardised Azure pipelines & AWS CDK constructs; developed and maintained internal email and marketing tools used to send 100k+ offers to 3000 brokers

Senior Software Engineer — Backend | *DAZN* (Mar 2022 – Jun 2023)

- Contributed to building an in-house headless CMS for managing and distributing landing page content across 25+ countries and languages using Node.js, TypeScript, Redis, PostgreSQL, AWS and Terraform, reducing page load times by ~50%
- Built a backend-for-frontend service for mobile that consolidated 12+ services and 45+ APIs spanning payments, subscriptions, and user management into a single unified layer

Software Engineer — Content Platform | *Fashion Cloud* (Jun 2021 – Feb 2022)

- As part of the content platform team, managed and served content from 200+ brands to 25,000+ retailers via web and third-party APIs, handling 100k+ daily API requests
- Built data ingestion adapters integrating third-party systems including SAP, Dynamics 365, and Contentful to streamline brand content onboarding

Software Developer — IoT & ML | *AlphaBOLD* (Oct 2018 – May 2021)

- Built end-to-end data pipelines and anomaly detection ML models on Azure to process 100M+ daily telemetry data points from 20+ industrial IoT devices across 3 customers, improving equipment uptime by 30% and reducing maintenance costs by 25%
- Led backend development of a full SaaS platform for an IoT alcohol-measuring device using Node.js, TypeScript, MongoDB and Azure, supporting 8+ clients with 40+ devices processing 30k daily measurements, including OTA firmware updates and real-time analytics

TECHNICAL SKILLS

Languages: TypeScript/JavaScript, NodeJS, NestJS, Python, FastAPI

Data & Databases: MongoDB, DynamoDB, PostgreSQL, Oracle, PineCone, Redis

Cloud & Infra: AWS (Lambda, ECS, S3, CDK), Azure (Functions, IoT Hub, ML studio), Docker, Terraform

DevOps: CI/CD (GitHub Actions, Azure Pipelines)

EDUCATION

B.S. Information Technology | *Quaid-e-Azam University, Islamabad* 2014 – 2018

CGPA: 3.7/4.0

CERTIFICATIONS

- AWS AI Practitioner
- AWS Solutions Architect – Associate