

Adwait Mathkari

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LinkedIn: <https://www.linkedin.com/in/adwait-mathkari/>

Skills: NodeJS, TypeScript, GraphQL, Memcached, MongoDB, Dynamodb, AWS Services, AWS Lambda, EC2, Linux, Git, Terraform, Python, JavaScript.

Experience:

Specialist Programmer at Infosys (December 2018 - present)

Backend Developer for British Petroleum

- Worked on developing BP customer engagement platform - used as BP online platform across BP services such as fuels, castrol, aviation fuels etc. Developed GraphQL APIs in typescript for react frontend to consume. Built various micro services for the application using node js, typescript for react frontend. Worked in maintaining BP npm registry, publishing packages etc. Worked with unit testing with jest, sonarqube code quality etc. Worked with monorepo setup using lerna. Worked with AWS services such as Lambda, ECS, VPC, ApiGateway etc.
- Worked as a senior backend developer, led technical activities for backend, reviewing pull requests, designing solutions for new code development, working closely with architecture and architecture related solutioning, taking ownership of important features and deliveries. Delivered key services in time for the application.

Backend Developer for Hitachi

- Developed, managed host of Hitachi internal system management applications - apps to track and maintain status, delivery information of orders, apps to manage orders, quotes, shipping, manage internal systems etc. Participated in forming architectural solutions for various business use cases. Developed microservices using nodejs, oracle, deployed on AWS architecture.
- Managed complete project lifecycle - requirements overview, architecture design, development, testing, release, maintenance. Setup infrastructure automation using terraform scripts, gitlab ci/cd.
- Developed services for tracking packages from various vendors, creating and maintaining package data, images related information, exposing the data to frontend for display. Worked on other integrations to manage Hitachi order management, quote management etc.
- Technologies Involved : NodeJS, Oracle, Microservices, AWS (Lambda, SQS, SNS, EC2, EventBridge etc), Terraform

Backend Developer for The Economist Group Sustainability Project ([link](#)),

- Developed, in a team of 5, a Content Management System backend for requirements of content creation, storage and delivery. Developed microservices using node js, typescript, dynamodb, cloudflare, aws lambda, aws sqs etc.
- Designed graph data structure for content store. Implemented algorithms involving graphs, graph storage, depth first traversal.
- Developed code for microservices such as publishing, content preprocessing etc. Worked on optimizing the content delivery workflow.

Backend Developer for a Class management product, Freelance (April 21-July 21)

- Worked as a backend developer for the product used to schedule and book classes online – tech stack nodejs, express, mongodb, deployed on AWS EC2.
- Worked on designing and developing different flows, REST endpoints, database schemas, queries for the product for requirements such as class, batch management, scheduling, user management etc.

Backend Developer for Swarovski UAE Ecommerce app ([link](#)) (Infosys September 20 - July 21)

- Designed and developed services using node js, typescript, express, apollo-graphql, memcached, salesforce commerce cloud, serverless. Developed services for flows like browse products, add to cart, checkout process, payment, orders etc.
 - Worked with AWS services like Lambda, APIGateway, xray, cloudfront CDN, elasticache Memcached etc.
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- Worked on various performance optimizations, like fully utilizing node js asynchronous processing, decoupling processes via SQS for background processing etc.

Backend Developer at *Vantage Systech* (Aug 18 – December 18)

- Developed backend services, REST apis using node.js, express, typescript, mongodb for an education related product (MEAN stack). ([link](#)) Designed and developed new modules for the product. Worked on optimizing mongodb queries.

Education:

Bachelor of Engineering: MIT College of Engineering, Pune **2017**, 1st Class with Distinction (73.33%)

Achievements:

Regional Mathematics Olympiad, Rank 10 in Maharashtra & Goa (2011).

National Talent Search Scholarship Scholar, awarded to top 1000 students in around 8-9 lakh appearing students from all over India (2009).

GRE Score 324/340 (2016)