Utkarsh Mishra
Senior Full Stack Developer

Experienced Software Engineer with 11 years of proven expertise in delivering market-ready products and solutions. Demonstrated proficiency in cross-functional teamwork, project management, and analytics. (**Resident/Work Permit: Type B, no sponsorship required**)

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SKILLS

Skill	Level	Skill	Level
Typescript / Javascript	●●●●○	Node.js	●●●●○
React	●●●○○	Nest.js	●●●○○
SQL (MySQL / PostgreSQL)	●●●●○	Elasticsearch	●●●○○
REST / GraphQL	●●●●○	AWS / GCP	●●●○○
Testing (Cypress, Vitest, JUnit)	●●●●○	Docker / Kubernetes	●●●○○

METHODOLOGIES

Object Oriented Programming · Functional Programming · Event Driven Programming · System & API Design · ACID · Caching · Microservices · SOLID · Clean Code · Code Reviews · Test Driven Development · Agile Methodology

WORK EXPERIENCE

Cloud Engineer
Sunflower Labs GmbH
09/2024 - Present   *Zurich, Switzerland*

Achievements/Tasks
- Improved user authentication user flow by handling vulnerabilities and edge cases
- Implemented monitoring for sockets, endpoints & requests in the Hive (docking station) middleware

Senior Full Stack Developer
Frontify
06/2022 - 06/2024   *St. Gallen*
Brand Management SaaS platform

Achievements/Tasks
- Member of the team winning *Best of Swiss Web 2024* for Marketplace and Brand SDK
- Led the architectural planning and development of (Typescript-based) Brand SDK's Command pattern with 100% code coverage
- Directed the transition of legacy APIs to GraphQL & REST, reducing the affected code base by 40% and 20% reduction in reported bugs via a test-driven approach and Github action-based quality gates
- Integrated Domain-Driven-Design based Translation Service module to support multi-lingual Guideline assets
- Led the migration of Vanilla JS/doT.js front-end content blocks to React components with backward compatibility

💼 WORK EXPERIENCE

Senior Backend Lead
arcab Inc.

09/2021 - 04/2022   *Remote (U.A.E.)*

Telematics based Fleet-management SaaS

Achievements/Tasks

- Designed and provisioned backend Node.js modules to support route planning, live tracking, monitoring, asset management and comprehensive telematics-backed analytics for all data points
- Developed a flexible processing layer to ingest data from various Telematics IoT providers, capable of transforming millions of documented raw metrics into insightful reports and visualisations
- Introduced a scheduled caching layer to avoid excessive throughput to telematics API and pre-generate requested reports without throttling the back-end, reducing endpoint SLA from a few seconds to less than 100 milliseconds
- Added telematics and backend services & associated pods, while maintaining the overall Kubernetes architecture to ensure a failsafe, load-tested and load-balanced cluster

Technology Lead
effy / CultureMonkey

02/2018 - 08/2021   *Chennai, India*

Employee Engagement SaaS Platform + Technology Consultancy

Achievements/Tasks

- End-to-end delivery of Integrations and Business Solutions via Customer Requirement gathering, feasibility & scoping of Software Architecture design, development approach and resource allocation, formulation of estimates and Statement of Work
- Managed/delivered 20+ NodeJS-based SaaS Integration projects to support data transformation and business automation between platforms
- Delivered Fault tolerant and highly-available Customer Support Intelligence and business automation enhancement for India's leading OTT platform (~500+ agents handling 15-20k tickets/hour and ~40k tickets during major sports events) with zero incidents
- Founding member of CultureMonkey, leading the development of Employee Engagement analytics, visualisations and web presence

Software Engineer II
Snapdeal

04/2015 - 04/2017   *Gurgaon, India*

India's leading eCommerce platform

Achievements/Tasks

- Developed and maintained Shopo Search (Elasticsearch via Spring boot MVC endpoints), capable of searching through billions of records and supporting logic-based relevance
- Ensured zero downtime and max ~40ms latency throughout the Search app endpoints using tried and tested node configurations and optimized indices
- Improved search and indexing cluster reliability through the application of performance-optimised configuration, automated scheduled backups, failsafe measures and near-instance recovery process

🎓 EDUCATION

Bachelor's of Engineering
Bharat Institute of Technology

07/2009 - 06/2013   *Meerut, India*

Courses

- Computer Science & Engineering

📜 CERTIFICATES

Object Oriented Programming in Javascript   German A1.1 (08/2024 - Present)
(06/2024 - Present)