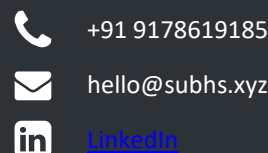


SUBHAM SATAPATHY

SOFTWARE ENGINEER



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hello@subhs.xyz

[LinkedIn](#)

OBJECTIVE

Result-oriented professional offering **nearly 4 years of experience** in Software Engineering with expertise in Back-end Development, Cloud Native Applications, Microservices and Serverless Architectures.

EDUCATION

- M.Sc. in Computer Science from Ravenshaw University, Cuttack in 2022
- B.Sc. in Computer Science from College of Basic Science and Humanities, OUAT, Bhubaneswar in 2020

CORE COMPETENCIES

- Cloud Infrastructure Management
- Software Development Life Cycle
- Agile Methodologies
- Performance Optimization
- API Design and Integration
- System Architecture and Design
- DevOps Practices and Tools
- Business Process Automation

TECHNICAL SKILLS

- **Programming Languages:** JavaScript, TypeScript, Node.js
- **Databases:** MySQL, PostgreSQL, MongoDB, Redis
- **Cloud / Infrastructure:** AWS (Lambda, S3, API Gateway, DynamoDB, SQS, CloudWatch, Route 53, CloudFront), Serverless Framework
- **Infrastructure Automation:** Terraform, CloudFormation
- **DevOps & CI/CD:** CircleCI, Docker, Serverless Deployment Pipelines
- **Data Processing / ETL:** Enterprise Integration Framework (EIF), Cron Jobs, Materialized Views
- Blockchain Programming

SOFT SKILLS

- Problem-solving
- Adaptability
- Communication
- Attention to Detail
- Teamwork

PERSONAL DETAILS

- **Date of Birth:** 29th May 1999
- **Languages Known:** Hindi, English
- **Address:** Bhubaneswar, 751003, Odisha

PROFILE SUMMARY

- Developed a diverse skill set that includes advanced programming languages, cloud services, and database technologies, consistently delivering high-quality software solutions in dynamic and challenging environments.
- Exhibited strong problem-solving capabilities and leadership qualities by collaborating with diverse teams to tackle intricate technical challenges and ensure successful project outcomes.
- Showcased proficiency in enhancing database performance and enforcing data integrity measures, guaranteeing high availability and precision of essential financial data across multiple platforms.
- Achieved a significant reduction in data transformation time through by orchestrating ETL pipelines processing 100M+ transaction/customer records monthly, implementing PostgreSQL materialized views (reducing query time by 70%) and optimizing SQL queries to improve data retrieval speed by 60%, enhancing overall data handling efficiency.
- Shortened test cycles and improved software quality by creating QA tooling that boosted test efficiency by 30% and configuring CircleCI pipelines, increasing release reliability by 35% and enabling faster, more dependable deployments.

WORK EXPERIENCE

Mar'22 – Till Date | Software Engineer | Travelex, Mumbai

- Drove infrastructure automation through Terraform, provisioning and governing 50+ AWS services programmatically and reducing manual deployment time by 40%.
- Delivered high-performance RESTful APIs for POS systems, securing sub-100ms response times for identity verification services managing thousands of concurrent requests per second.
- Created 10+ microservices, powering mission-critical APIs for FX operations across 30+ countries.
- Architected 100+ AWS Lambda functions with DynamoDB (100K+R/W per sec), sustaining elastic, serverless systems.
- Automated deployments via Serverless Framework, cutting configuration overhead by 50%.
- Provisioned 20+ AWS resources with CloudFormation for reproducible environments.
- Administered Redis job queues processing 500K+ tasks/day, ensuring fault tolerance.
- Delivered RESTful APIs with <100ms latency, handling 5K+ concurrent identity verification requests/sec.
- Designed monitoring dashboards, reducing troubleshooting time by 30%.
- Migrated 200GB+ MySQL workloads to PostgreSQL, lowering costs by 25%.
- Deployed Redis caching, cutting DB load by 40% and boosting throughput.
- Standardized Docker environments, reducing environment mismatches by 90%.
- Directed Terraform automation for 50+ AWS services, reducing manual deployment time by 40%.
- Optimized domain routing via Route 53 & CloudFront, reducing latency by 50%.
- Partnered with teams to enforce observability (100+ CloudWatch metrics), achieving 99.99% uptime.
- Contributed architectural inputs, increasing system throughput by 20%.
- Accelerated new-hire onboarding by 50% by authoring thorough technical documentation.

PERSONAL PROJECT

Redisfy | [Link](#)

Tools Used: React, TypeScript, Node.js, Tailwind CSS

- Developed an open-source Redis management tool, offering both CLI and web UI.
- Enabled key browsing, command execution and real-time monitoring for Redis databases.