

Rakshit Shinde

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Skills

Technical	C#, JavaScript, TypeScript, Python, Shell Scripting, Linux	Cloud & Infra	Azure (Functions, VNet, Storage, Redis, Key Vault, FHIR Service), ARM, Bicep, Terraform
Frameworks	.NET, ASP.NET Web API, React JS, PySpark, NUnit, MSTest	DevOps & Tools	Git, GitHub, Jenkins, Docker, Kubernetes, Bash, PowerShell
Database	SQL Server, MySQL, MongoDB, PostgreSQL		

Experience

Waferwire Cloud Technologies

Feb 2025 – Present

Software Engineer

Hyderabad, India

Client: Microsoft

- Delivered **Smart on FHIR v2** and **US Core 6.1.0** features in Microsoft's open-source sample app
- Built **Azure Functions in C#** with optimized request handling and structured diagnostics using **App Insights**
- Compared **Smart v1 vs. v2** and **US Core v3.1.1 vs. v6.1.0** to identify **ONC compliance** gaps
- Developed a **Python + PySpark** test framework to validate **CQL queries** on **Microsoft Fabric**
- Engineered a **React JS + TypeScript** UI for orchestrating tests using **Recoil** state management
- Triaged and resolved GitHub issues through critical **bug fixes** and **feature enhancements**
- Partnered with Microsoft FTEs to ensure regulatory compliance and certification readiness

Xoriant Solutions

Aug 2023 – Jan 2025

Software Engineer

Mumbai, India

Client: Microsoft

- Boosted API response time by **20%** and reduced client-reported issues by **35%** through performance tuning
- Built **scalable Azure Functions** (HTTP + Queue) processing over **500K requests/day** with **40% faster throughput**
- Developed a **C# console app** with parallel processing, reducing FHIR data generation time by **80%**
- **Led UI development in ReactJS and Blazor**, integrating **Azure AD authentication**
- Authored deployment documentation, reducing client on-boarding and setup time by **30%**
- Fixed high-impact bugs, improving overall system up-time and reliability by **20%**

Xoriant Solutions

Aug 2022 – Jul 2023

Associate Software Engineer

Mumbai, India

- Optimized **ASP.NET Web APIs (C#)** to improve response times by **20%** and scaling for **10K+ daily users**
- Enforced role-based access using **ASP.NET Identity + JWT**, reducing unauthorized access attempts by **40%**
- Improved **EF Core query performance** by **30%** and reduced latency with **Redis caching**, reducing API latency by **35%**
- Refactored **ReactJS** components, cutting load times by **25%** and reducing bounce rate by **10%**
- Achieved **95% test coverage** using **NUnit and MSTest**, cutting production bugs by **25%**

Youth India E-School

Aug 2021 – Oct 2021

MERN Developer Intern

Remote, India

- Designed schemas using **Mongoose (MongoDB)** and **Sequelize (PostgreSQL)** for efficient data modeling
- Built **REST APIs** using **Node.js + Express.js** to support CRUD operations
- Participated in Agile practices with daily scrums and iterative sprints

Education

Mumbai University

Aug 2018 - May 2022

Bachelor of Engineering in Information Technology

CGPA: 8.76

Mumbai University

Aug 2016 - May 2018

SECONDARY(XII)

Percentage: 76.2

Projects

CQL Test Framework

Nov 2024 – April 2025

- Created a CQL testing framework using **Python and PySpark** for validation on Microsoft Fabric
- Built a **React + Vite** UI with Azure AD integration to securely manage and execute CQL queries
- Developed a **C# .NET console app** to ingest **15M+ FHIR resources** into Azure FHIR Service
- Implemented **parallel processing**, reducing total load time from **24 hours** to under **8 hours**

SMART on FHIR

Oct 2023 – Present

- Integrated **3rd-party IDP** support using **Azure AD B2C**, increasing authentication flexibility by **40%**
- Implemented **OAuth2.0 flows** (client credentials, authorization code, PKCE), improving login success by **25%**
- Enhanced **Azure VNet deployments** with private endpoints and rules, improving security and performance by **25%**
- Conducted spec comparisons (Smart v1/v2, US Core 3.1.1/6.1.0), identifying ONC compliance gaps
- Added support for **Smart v2 features** (POST/authorize, encounter launch, scope handling)
- Developed **Azure Function endpoints** for updated flows, improving throughput and maintainability

Certifications

KodeKloud Courses

[link](#)

Linux Fundamentals, Shell Scripting, Jenkins, Docker, Kubernetes

Awards

XOR-CHAMP

Awarded for outstanding contribution to the success of Smart on FHIR project at Xoriant.