Rakshit Shinde

📞 7709136439 — ✉ rakshitshinde.work@gmail.com — in linkedin/in/rakshit-shinde — ⬛ github/rakshit-shinde — 🌐 Rakshit Shinde

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
– Refactored **Azure Functions** to support Smart v2 features, including introspection endpoint and asymmetric client authentication
– Applied **Factory Design Pattern** to dynamically create authentication clients for multiple **Identity Providers (IDPs)**, including **Entra ID**, **Azure AD B2C**, and **Entra External ID**
– Co-developed a document management platform using **.NET Web API**, **Entity Framework**, and **MS SQL Server**
– Integrated **Azure Storage** for document handling and added **Azure OpenAI** for content summarization
– Contributed to the **frontend** development using **React.js**, **TypeScript**, and **Redux**

Xoriant Solutions — **Aug 2023 – Jan 2025**
Software Engineer — *Mumbai, India*

Client: Microsoft

– Built **Azure Functions** (HTTP + Queue) triggers to process **FHIR** and **DICOM** data for relational data generation
– Implemented **parallel processing** to efficiently handle over **150k+ files**, optimizing overall system performance
– Engineered a **C# console app** for FHIR data generation, leveraging **parallel processing** to reduce generation time
– **Led UI development in ReactJS and Blazor**, integrating **Azure AD authentication**
– 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

Xoriant Solutions — **Aug 2022 – Jul 2023**
Associate Software Engineer — *Mumbai, India*

– Developed **ASP.NET Web APIs** to manage employee shifts and scheduling with scalability and responsiveness
– Enforced role-based access using **ASP.NET Identity + JWT**, reducing unauthorized access attempts
– Improved **EF Core query performance** and integrated **Redis cache** for faster data retrieval
– Refactored **ReactJS** components, cutting load times by **25%** and reducing bounce rate by **10%**
– Achieved **75% 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
– Utilized 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.