

# Mrinmay Dhar

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## EDUCATION

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### Amity University

Bachelor of Technology in Computer Science and Engineering

Noida, UP

2016 – 2020

## EXPERIENCE

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### Senior Software Engineer

Feb. 2026 – Present

Icertis Solutions Pvt. Ltd.

Pune, MH

- Performed migration of customers to **Multi-Tenant**, eliminating cross-team dependencies and achieving **TTV** for platform upgrades **before schedule**.
- Implemented **APIM** for API reporting data. Data helped to optimize downstream application and **reduce failure rates from 25% to 0.01%** after collaborating with client engineering teams.
- Engineered an **event-driven orchestration** layer on APIM. Implemented batch processing and optimized payload size via query filtering, **reducing monthly call volume by over 90%** (120k to ~10k).
- Migrated the business API layer and DocuSign integrations from legacy token-based authentication to **OAuth 2.0**. This implemented a **robust security layer** for connecting downstream and internal applications.

### Software Engineer

July 2023 – Feb. 2026

Icertis Solutions Pvt. Ltd.

Pune, MH

- Worked on multiple defects and tech debts requiring extensive **code refactoring** and several PBIs to upgrade customer customizations, resulting in **zero bugs** during UAT and hyper-care phases.
- Successfully deployed several integrations (**DocuSign, OAuth, SSO**) for all applicable environments. Developed internal tools to debug issues with deployments.
- Rapidly delivered **POCs and resolved critical bugs** after being brought onto various projects during their cut-over phase.

### Associate Software Engineer

Dec. 2021 – July 2023

Icertis Solutions Pvt. Ltd.

Pune, MH

- Successfully led and deployed **MS Teams integration** with customers, debugging multiple integration issues and collaborating with stakeholders over several time-zones.
- Developed platform customization for multiple partner projects, satisfying business requirements **months ahead** of the core platform's sprint.

## PROJECTS

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### ALM Workbench | Tooling for internal VS extension.

Icertis

- Configuration Deployment Tool - Created a tool that **automatically updates configuration files** in blob storage, which is referred by hooks used in C# and TS code.
- DocuSign Validation Tool - Built an **automated validation system for DocuSign integrations** that verifies configuration like RSA keys/Client IDs and executes required API sequences for P2P.
- Solution Minification Tool - Developed a plugin that compresses project solution and strips NuGet dependencies for static analysis, **reducing artifact size by 99%** (~2GB to ~5MB).

### oci-home-cloud | Cloud infrastructure setup for protecting home network.

GitHub

- VPS on OCI that acts as exit node, routing network traffic through **Wireguard VPN**.
- Network devices are protected by **Cloudflare tunnels, Crowdsec**, and **UFW**.
- Traefik** is configured as reverse proxy to provide FQDNs to internal services.
- VM is provisioned via **Terraform** plans and managed by **Ansible** to ensure reproducibility.
- All hosted applications are configured via **Docker Compose** files.
- Network fail-over achieved via **OpenWRT** package - mwan3.

## TECHNICAL SKILLS

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**Languages:** C#, TypeScript, SQL, PowerShell, Bash

**Technologies:** ASP.NET, HTML, CSS, jQuery, Elasticsearch, ADO, Git, IIS, Swagger, Postman

**Infrastructure & Tools:** Agile, CI/CD, DevOps, MVC, Linux, REST API, Azure