

- Integrated Golang services to deploy containerized applications on ECS and EKS, leveraging its efficiency for faster binary compilation and lower memory usage, including building gRPC APIs for internal communication.
- Developed and integrated a custom Python script into the CI/CD workflow to automate security checks, proactively blocking builds with critical vulnerabilities, and enhancing overall application and Docker image security.
- Developed, deployed, and maintained high-performance, scalable serverless applications using NodeJS and TypeScript on AWS Lambda, API Gateway, and DynamoDB, with infrastructure managed via Terraform and Terragrunt for optimal environment segregation. Ensured quality with Jest for unit and integration tests.
- Conducted thorough threat modeling on AWS Serverless applications to pinpoint and mitigate potential security risks within our event-driven architectures.
- Utilized GitCopilot to significantly boost code quality and accelerate development by automating code reviews and ensuring strict coding standards across Git repositories.
- Mentored team members through the implementation and successful deployment of a scalable serverless application utilizing AWS Lambda, API Gateway, DynamoDB, and Step Functions.
- Stepped up as Scrum Master, facilitating daily stand-ups, sprint planning, retrospectives, root cause analysis, and reviews to champion continuous improvement and enhance overall team productivity.

Senior Software Engineer

May 2018 - September 2023

CN Techies Pvt. Ltd

- Developed the AntiTrack desktop application, using a Microservice Architecture and Single Sign-On (SSO) with a Node.js/React.js frontend and .NET/.NET Core/C# backend, which was adopted by over a million users, significantly improving user privacy and reducing third-party tracking by 60%.
- Engineered custom security libraries to detect obfuscated scripts and prevent data leaks, seamlessly integrating them to boost application security and performance.
- Oversaw the design and implementation of a secure Install Package Management (IPM) solution. This included developing a reusable Python tool that automated Windows installer creation for various architectures (x86, x64, ARM) and enhanced it with DSA signatures and certificates for guaranteed file integrity.
- Developed a custom Signing tool to validate, sign, and certify all third-party files and libraries, ensuring their security and integrity before integration into our systems.
- Pioneered the design and implementation of an end-to-end CI/CD build configuration for application deployment. This initiative drastically cut deployment time by 70% and reduced post-deployment bugs by 40% through automated testing, intelligent rollback strategies, and continuous integration with tools like TeamCity and Git.
- Mentored team members on the new CI/CD pipeline and the custom IPM tool, creating and documenting robust processes to ensure strong design, usability, and effective knowledge transfer across the team.

Software Developer

June 2017 - May 2018

Alchemy Information Systems Pvt. Ltd

- Developed and validated a comprehensive database schema for a successful data migration from Oracle to MS SQL Server, significantly enhancing data integrity and system performance.
- Architected and implemented bespoke desktop-based ERP and banking systems in close collaboration with clients, boosting reporting accuracy by 40% and cutting manual processing time by 30%.
- Engineered a Treasury Management System (TMS) for banks using C# with a SQL Server back-end, leveraging an ORM for efficient data handling and complex SQL queries to generate critical reports for customer loan portfolios.
- Engineered and refined core modules for the Magica ERP system, a robust solution managing HR, sales, and finance. Implemented data management and reporting functionalities using an ORM and advanced SQL queries.
- Designed and built a custom web application, Fifafan, using HTML and CSS, which integrated with a database via sophisticated SQL queries to manage customer data and dynamically generate exclusive FIFA World Cup tickets.

EDUCATION

B.E. Computer Science <i>Vishwaniketan's iMEET, Mumbai, India</i>	Jul 2013 - May 2017
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CERTIFICATIONS

Generative AI Foundations Certificate Program <i>upGrad in collaboration with Microsoft</i>	August 2025
AWS DevOps Engineer <i>AWS Training and Certification</i>	September 2024
Architecting on AWS <i>AWS Training and Certification</i>	August 2024
AWS Technical Essentials <i>AWS Training and Certification</i>	October 2023