

Work Experience

Software Engineer II	Microsoft	Mar 2026-Present
- Designed and added end to end traceability for VM series for buffer planners - Migrated a dotnet project to azure synapse analytics		
Senior Software Engineer Browser Isolation, ZTNA team	Skyhigh Security Bengaluru, India	Mar 2023-Present
- Architected and deployed web traffic isolation tools for remote sandbox environments, enhancing security infrastructure through containerization solutions - Led the migration to ARM architecture, contributing to speed improvements and cloud cost savings of up to 20% - Led architectural design of an enterprise browser with integrated web gateway hooks for granular traffic inspection and security policy enforcement - Executed a large-scale cloud migration project, successfully transitioning business-critical AWS workloads to Oracle Cloud while maintaining system integrity, resulting in winning deals worth over \$1M ARR - Spearheaded migration from microK8s to K8s deployment architecture while orchestrating transition from CentOS to a custom AlmaLinux distribution (SkyhighLinux) - Engineered zero-trust network access solution as a cost-effective VPN alternative, while implementing comprehensive DevSecOps practices including Terraform infrastructure management, automated CI/CD pipelines, SAST scanning integration, and vulnerability management through external bug bounty programs		
Senior Software Engineer I Flights team	MakeMyTrip Bengaluru, India	Jan 2022-Dec 2022
- Designed and implemented API services (HTTP/Proto3) for Android, iOS, and web platforms, improving customer experience. - Introduced "Cancel For Any Reason" feature, enhancing booking flexibility and customer satisfaction. - Optimized ancillary services (paid seats, travel insurance, airport cabs), increasing revenue streams. - Mentored new graduate developers, providing guidance on internal repositories and development workflows.		
Software Engineer Reporting & Interoperability team	SonicWall Bengaluru, India	Sept 2019-Oct 2021
- Engineered RESTful service architecture for hardware device configuration management, streamlining device administration processes - Redesigned PDF generation backend for reporting system, resulting in enhanced visual presentation and improved data formatting capabilities - Integrated new geo-IP database into firewall management solution, strengthening location-based threat detection and security features		

Education and Certifications

- B.Tech. Computer Science**, Heritage Institute of Technology, Kolkata. **2015–2019**

Technologies and Languages

- Languages: Go, Java, Python, C++
- Technologies: NoSQL/SQL, Redis/Valkey, Kafka, Git
- Other: Shell scripting, Elasticsearch/OpenSearch, CI/CD pipelines
- Frameworks: JasperReports, DataDog, SigNoz