

EDUCATION

Bachelor of Engineering — Computer Science (Minor in Data Science)	Goa, India
• <i>Birla Institute of Technology and Science Pilani, K. K. Birla Goa Campus</i>	<i>November 2020 — 2024</i>
CGPA 9.2/10.00	

EXPERIENCE

Software Engineer	Hyderabad, India
• <i>Microsoft — Azure Cloud Migrate</i>	<i>July 2024 — Present</i>
◦ Primary Responsibility: Working on Azure Cloud Migrate, focusing on Kubernetes, distributed systems, and system performance optimization	
◦ Key Contributions: Designing and implementing scalable cloud solutions for migrating on-premises applications; Collaborating with cross-functional teams to enhance migration workflows	
◦ Technologies: Azure, Kubernetes, Distributed Systems, Cloud Architecture, Database Migration	
Member of Technical Staff Intern	Bengaluru, India
• <i>DevRev</i>	<i>January 2024 — June 2024</i>
◦ Primary Responsibility: Optimized Global Notifications Microservice architecture handling 60,000+ daily notifications by implementing distributed rate limiting , event-based throttling, and clustering algorithms	
◦ Key Contributions: Engineered fault-tolerant notification rate limiter reducing spam by 85% ; Developed hierarchical clustering system with O (log n) retrieval time; Architected LLM-powered notification summarizer using OpenAI GPT-4 with custom prompt engineering	
◦ Technologies: Microservices, Distributed Systems, OpenAI API, LangChain, Vector Embeddings, Redis Rate Limiting, Performance Optimization	
Software Engineer Intern	Hyderabad, India
• <i>Microsoft</i>	<i>May 2023 — July 2023</i>
◦ Primary Responsibility: Designed and implemented Customer Side Metrics for Monitoring Meters and publishing them to Azure Monitor and Geneva Dashboard using OpenTelemetry	
◦ Key Contributions: Actively contributed to design decisions for Azure Business Continuity Center (V1 product) with the Azure Core Compute Team; Implemented metrics using OpenTelemetry and its Geneva Extension	
◦ Technologies: C#, .NET Framework, OpenTelemetry, Azure Monitor, Geneva Dashboard, MSTest, Telemetry	
Summer Intern	Mumbai, India
• <i>LTI — Larsen & Toubro Infotech</i>	<i>May 2022 — July 2022</i>
◦ Primary Responsibility: Worked on DataOps for Fosfor Spectra software platform, building comprehensive test suites and facilitating data migration	
◦ Key Contributions: Coordinated between developers and test engineers to build an exhaustive set of tests ; Actively participated in Test Design Meetings and Daily SyncUps	
◦ Technologies: DevOps, Data Migration, Test Automation, Collaborative Development	

SKILLS

• Languages:	Java, Kotlin, Python, JavaScript, C#, C++, Dart, Go
• Frameworks:	Flutter, Android Framework, .NET Framework, NodeJS, React, TensorFlow, PyTorch
• Cloud & DB:	AWS, Azure, Google Cloud, Firebase, MongoDB, Redis, Appwrite
• Tools:	Git, Android Studio, VSC, Datadog, NumPy, Pandas, Qiskit
• Soft Skills:	Leadership, UI Design, Event Management, Team Collaboration