

Technical Skills and Tools

- **Currently working with:**
 - C#, .Net, C++, Powershell, CLI, Azure services, Git, Data Structures, Algorithms.
- **Previously worked with/ Familiar With:**
 - Python, Django, Flask, SQL, Java, Dropwizard, HBase, Redis, Kafka, AWS services, Jenkins.

EMPLOYMENT

Senior Software Engineer (Backend) **Microsoft, Bangalore, India** **Aug, 2021 – Present**

- **[Platform] Network Security Perimeter Service**
 - **Built an LLM-based** assistant that ingested runbooks and incident data to give answers to engineers, reducing incident resolution time by ~30% and supporting 50+ incidents weekly.
 - **Led Audit Mode Service (team of 4)** from **design to deployment**, building **APIs, CI/CD, and release automation** enabling customers to **test access rules in audit mode** before moving to **enforced mode**.
 - Designed and delivered **IPv6 CIDR-based inbound rule APIs** for Azure Network Security Perimeter, enabling **secure access control policies**.
 - Developed monitoring account and monitoring config infra which deploys in all regions using EV2.
 - Refactored a legacy framework into modular components, cutting **feature development effort by 60%** and enabling faster automated testing.
 - **Full lifecycle ownership:** requirements, HLD/LLD design, development, deployment, validation, reliability, documentation, Oncall and mentoring of 3 new engineers.
 - Collaborated with multiple Azure partner teams to integrate Network Security Perimeter (NSP) support into core Azure resources, driving consistent security enforcement across services.
 - Owned team on-call, standardizing runbooks, incident templates, and handovers for reliable incident response.

Software Engineer 2(Backend) **Flipkart, Bangalore, India** **Jul, 2019 – Jul, 2021**

- **Cart and Checkout Service**
 - **Contributed to Cart & Checkout Service (20k QPS)**, a core Flipkart system handling **millions of daily checkouts**.
 - Delivered revenue-impacting features such as **Detailed Price Summary, Combo/Basket Offers, and More Offers**, improving checkout conversion.
 - **Scaled stream processing pipeline** by introducing batching, reducing **Kafka lag by 14%** during Big Billion Days peak load.
 - Optimized **cart GET response size by 12%** for 10-item carts, lowering P99 latency
 - Provisioned and tuned new **Kafka + HBase clusters**, doubling throughput capacity and ensuring resilience during seasonal spikes.
 - **Automated Jenkins test/deployment pipelines**, cutting release effort by **70%** and accelerating feature delivery.

Software Engineer (Backend) **Wingify, New Delhi, India** **Oct, 2018 – May, 2019**

- **Payment Service and Reporting**
 - Maintained the **payment service** and built features to generate accurate revenue reports from multiple payment systems.

Software Engineer (Backend) **Juggernaut Books, New Delhi, India** **Sep, 2017 – Sep, 2018**

- **Juggernaut Books & Airtel Books User Flow**
 - Built new user registration and authentication flows (email, mobile, Airtel, social logins), including password reset and OTP-based verification.

Software Engineer (Full Stack) **Eazydiner, New Delhi, India** **Feb, 2016 – Sep, 2017**

- **Eazydiner Website/ Eazydiner App Backend/LiveTable App Backend/ LiveTable Website**
 - **Built LiveTable from scratch** (backend + website), enabling restaurants to manage their table bookings.
 - **Designed rule-based Point Engine**, boosting customer retention.
 - Added platform features: reviews (TripAdvisor/social), Google/Facebook auth, concierge, invoicing, profiling.

Software Engineer (Full Stack) **Tata Consultancy Services, Bangalore, India** **Dec, 2014 – Feb, 2016**

- Automated workflows in **banking & telecom projects**, reducing manual effort and errors. by ~90%.

EDUCATION

Jabalpur, M.P., India **Indian Institute of Information Technology(IIIT)** **Aug, 2010 – Apr, 2014**

- Bachelor of Technology (Computer Science and Engineering)