

## EDUCATION

### Northeastern University

M.S. Software Engineering Systems | GPA: 4.0

Sep 2024 to Expected Dec 2026

**Selected Coursework:** Enterprise Software Design, Program Structures & Algorithms, Database Management & Design, OOP

### University of Pune

B.E Computer Engineering

Jun 2015 to Jun 2019

## WORK EXPERIENCE

### Thoughtworks, *Developer Consultant*

May 2022 to Aug 2024

- Contributed to 3 high-impact projects spanning the domains of banking, financial services, & consumer data management, demonstrating adaptability & technical versatility.
- Played a key role in backend system migration, modernization and microservices development, enhancing system efficiency & scalability.
- Optimized data workflows, improved system resilience, & championed Agile practices, significantly boosting team proficiency & project delivery.

### Cybage Software Pvt. Ltd., *Software Engineer*

Jul 2019 to May 2022

- Tackled complex legacy technologies, working with a diverse tech stack for an environmental, health & safety (EHS) product, showcasing strong technical skills & problem-solving abilities.

## PROFESSIONAL PROJECTS

### GRAB SuperBank Localization, *Tech Stack: Golang, AWS, Terraform, Helm, Docker, Kubernetes*

- Implemented **Face Match and Liveness Check** feature, ensuring accurate verification **reducing identity fraud by up to 95%**.
- Integrated new features within the microservices framework such as SMS, Email and Push Notification functionalities, facilitating **2FA**, immediate alerts & timely reminders to users on transactions, account activity or promotional offers.
- Led the localization of two major microservices, serving as the primary point of contact and resolving all related queries, ensuring seamless operation & maintenance.
- Conducted comprehensive analysis & investigation of microservices' code & configurations, ensuring seamless deployment across various AWS environments.

### Experian UK – Data Ingestion, *Tech Stack: .NET, C#, Kafka, PostgreSQL*

- Enhanced data processing workflows by designing and implementing a **Matching & Pinning Rule Engine**, creating a Rule Evaluator & Executor to efficiently process & apply rules to data events from Kafka.
- Accelerated the Matching & Pinning process by optimizing data processing across multiple queues.
- Enhanced observability on rules execution & failures by maintaining dedicated Kafka topics for each rule and failure event, improving monitoring & troubleshooting efficiency.
- Explored advanced circuit breaker & retry mechanisms, improving system resilience & reliability.

### TBC Bank – Space Modernization Delivery, *Tech Stack: .NET, C#, Kafka, PostgreSQL*

- Revamped transfer flows by modernizing backend systems, transitioning it from Corezoid(a no-code platform) to REST-based microservices, resulting in a **96% increase in transfer speed**.
- Spearheaded the planning & analysis of feature stories by collaborating with Business Analysts & Team Leads to define & scope user stories, ensuring alignment with technical requirements, security considerations, & project goals.
- Facilitated the adoption of Agile methodologies within the client team, enhancing their proficiency & accelerating project delivery.

## PERSONAL PROJECTS

### Nearest Parking Space Tracker, *Tech Stack: Java, Spring Boot, JPA, React, Spring MVC, Hibernate, MySQL, JSP*

- Revolutionized urban parking with a platform that empowers users to **monetize their unused parking spaces**, turning driveways and private spots into income-generating assets while helping drivers effortlessly locate and reserve parking in **real time**.
- Seamlessly integrated Geolocation services for nearby parking detection within a 2km radius and **Google Maps API** for precise, turn-by-turn directions to destination parking spot.
- Enhanced security with **Stripe Payment** Integration for cashless transactions and **Bcrypt** for robust user data encryption.

## TECHNICAL SKILLS

**Programming Languages:** Java, C#, Python, Golang, C++, C

**Development Frameworks:** Spring Boot, Spring MVC, .Net Core, JPA, Hibernate, Angular, React

**DevOps:** AWS, Terraform, Helm, Docker, Kubernetes

**Databases:** MS SQL, Postgres, MySQL

**Web Technologies:** HTML, CSS, JavaScript, Bootstrap, REST API

**Tools & Platforms:** IntelliJ, Rider, Visual Studio, Visual Code, Eclipse, Android Studio