

## PROFESSIONAL SUMMARY

- 6+ years of experience in designing, developing, and delivering highly scalable enterprise applications and platform components. These were deployed both on-premises and on the cloud using open source and first-party tools in the healthcare domain.
- Key strengths include sharp analytical skills, a constant focus on quality and process improvements, good software engineering and problem-solving capabilities, and excellent communication skills to engage business and technology stakeholders.
- Experience working on all stages of the enterprise software development life cycle which includes conceptualization, storyboarding, agile sprint planning, test driven development, testing, technical product documentation, and user training.

## TECHNICAL SKILLS

- Programming Languages : C#, .Net, C++, C, CSS, JavaScript, HTML, Python, PySpark, Scala
- Databases : Microsoft SQL Server, PostgreSQL
- Frameworks : .Net, Django, jQuery, Node.js, Bootstrap
- DevOps : Git, Jenkins, CircleCI, New Relic, Splunk, Atlassian Suite of Products
- Platforms : Apple (macOS), Windows, Linux (Basics)
- Web Servers : Internet Information Services (IIS), Apache Tomcat, Nginx (Reverse Proxy)
- Cloud Platforms : AWS (EC2, Lambda, S3, SNS, SQS, CloudWatch, AutoScaling, EMR, DynamoDB), Terraform
- Others : Service Orient Architecture (SOA), Test Driven Development (TDD), MVC, REST

## MY TIMELINE

### Senior Software Engineer, UnitedHealth Group

Apr 2015 – Present

- Developed a scalable, cloud-based data mastering platform to consolidate, organize, aggregate, and enrich healthcare entities like patients, providers, payers, and practices.
- Implemented a model and rule-based distributed matching algorithm to link healthcare entities from disparate data sources, each having millions of records for batch and streaming use cases.
- Worked with 6+ teams across the globe to support use cases like health system planning, patient care coordination, and consumer outreach initiatives to drive healthy outcomes for patients.
- Collaborated with teams to implement the best practices in cloud infrastructure automation, cloud application security, data governance, and data stewardship.
- Onboarded and mentored new developers and other technical stakeholders from integrating products through hands on training and technical product documentation.
- Technologies and tools used: Apple, Atlassian Products, AWS, Django, Git, GitHub, IntelliJ, Jenkins, Linux, New Relic, Postgres, Python, PyCharm, PySpark, Scala, Splunk, and Terraform.

### Software Engineer, The Advisory Board Company (UnitedHealth Group)

Dec 2013 – Mar 2015

- Developed and maintained a user facing website and backend web services to deploy web applications for single and multi-tenant SaaS products within the company.
- Empowered 4+ product teams easily scale their SaaS offerings to hundreds of health systems, maintaining their service-level agreements.
- Enhanced the single sign-on platform by adding new functionalities and improving on existing testing infrastructure. Demonstrated ownership by handling numerous product integrations on the single sign-on platform by collaborating with team leads, developers, testers, and business analysts.
- Technologies and tools used: Atlassian Products, C#, CSS, .Net MVC, NHibernate, SQL Server, Git, HTML, JavaScript, New Relic, REST Api Design, Rhino Moq, Splunk, StructureMap, and Windows.

### Associate Software Engineer, The Advisory Board Company (UnitedHealth Group)

Sep 2012 – Nov 2013

- Collaborated with product management, user experience, engineering, quality assurance, and business analyst teams, as well as business stakeholders to evangelize, organize, and develop a single sign-on platform using SAML 2.0 protocol.
- Worked with 10+ internal product teams to replace their ad-hoc password protection policies by migrating them over to the single sign-on platform using stateless RESTful web services combined with an intuitive workflow application. This enabled end users of the system to have a more secure and unified experience with numerous SaaS offerings. This implementation supported federated single sign-on experience for configured clients.
- Ensured robustness and reliability of the application by building testing frameworks which eased extensibility of unit, integration, functional, and regression tests and supported test-driven development.
- Technologies and tools used: Atlassian Products, C#, CSS, .Net MVC, NHibernate, SQL Server, Git, HTML, JavaScript, New Relic, REST Api Design, Rhino Moq, Splunk, Ninject, and Windows.

### Master of Science in Computer Science

Texas Tech University, Lubbock, TX

Graduated: Aug 2012

### Bachelor of Engineering in Information Technology

Mumbai University, Mumbai, India

Graduated: May 2010