

# AMAN VARCHASWI

## SOFTWARE ENGINEER

+91-8800436266 | +91-8986950067  
varchaswiaman14@gmail.com  
Noida, India  
LinkedIn/AmanVarchaswi

### PROFESSIONAL OVERVIEW

- Software Developer with 1.5+ years of experience in the Information Technology and Services industry, specializing in the American Healthcare sector.
- Planned, designed, and developed new features and architecture changes, and implementing infrastructure solutions across 8+ project solutions.

### WORK EXPERIENCE

#### Software Development Engineer | Veersa Technologies

Feb 2023 - Present

- Optimized user interface and backend systems, enhanced user adoption and reducing errors by 80-90%.
- Resolved bug fixes and maintenance of 6+ databases, ensured seamless system performance across multiple applications.
- Created and presented 5+ architectural and deployment proposals, coordinated in shaping the project direction.
- Led comprehensive client requirement gathering sessions that identified key database functionalities, resulting in the successful design of a user-friendly interface for over 1,000 homecare professionals.

### PROJECT EXPERIENCE

#### HHA Exchange

July 2023 - Present

- Homecare software solution (US) connecting providers, state Medicaid programs, managed care organizations (MCOs), and caregivers through a unified platform servicing 1.1 million members monthly.
- The platform has reduced errors by 80-90% and streamlined operations by eliminating unnecessary paperwork and digitalizing the process.

#### ❖ Payer Module

Established a user-friendly interface to seamlessly connect 100+ payers and providers across the homecare ecosystem, allowing for aggregation of all visit records; this approach increased user adoption rates, with annual 234 million confirmed visits.

- Optimized messaging using Hangfire Job to sync between across 2 different entities - Payers and Vendors.
- Developed features and fixed bugs using vb.NET for 2 solutions.
- Managed 6+ databases, modifying tables as required.
- Collaborated with 3+ teams to implement business logic.

#### ❖ Audit History / Notification Module

This module tracks and audits the history of over 300 tables in the database and ensures that the system delivers important notifications to users on time.

- Migrated Legacy Services to AWS Cloud: Transitioned the 'audit-history' service to a serverless AWS architecture, achieving 150% scalability improvement while processing over 150 million records/day using Kinesis, Lambda, and OpenSearch.
- Utilized AWS S3 bucket for configurations and logs, OpenSearch for querying and indexing.
- Implemented responsive UI Modernization for 3 separate notification types.
- Upgraded email and notification services to handle 10k+ daily events with Kafka Queues, reducing processing latency by 40%.

### EDUCATION

#### Deenbandhu Chhotu Ram University of Science and Technology

Bachelor Of Technology - Electronics & Communication Engineering | CGPA: 8.91

Murthal, Haryana

2019-2023

## TECHNICAL SKILLS

---

- **Programming:** C++, C#
- **AWS:** CloudWatch, S3, Kinesis, OpenSearch, Lambda
- **Development:** .NET, Angular
- **Databases:** SSMS, PostgreSQL
- **Tools:** Git, Jira, Bitbucket, Visual Studio, VS Code

## ACHIEVEMENTS

---

- Named Achiever of the Month (March 2024) at Veersa Technologies for outstanding contributions in managing database documentation.
- Recognized as Rising Star (November 2023) at Veersa Technologies.

## PROFESSIONAL DEVELOPMENT

---

- Foundational C# with Microsoft - FreeCodeCamp
- The complete 2021 Web Development Bootcamp - Udemy

## ACTIVITIES

---

- President - Sunshine, DCRUST (Event management and personality development group)
- Coordinator - DCRUST Alumni Association