

Aman Varchaswi

Software Engineer

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🗨 Aman_Varchaswi_portfolio

WORK EXPERIENCE

Veersa Technologies

Software Development Engineer

Feb 2023 - Present

- Optimized user interface and backend systems, enhanced user adoption and reducing errors by 80-90%.
- Resolved bug 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.

PROJECTS

HHA Exchange

June 2023 - Present

Homecare software platform serving 1.1M+ members/month; reduced errors by 80–90% through digital transformation.

Payer Module (HHAX):

- Built user-friendly interface connecting 100+ payers/providers; enabled aggregation of 234M+ confirmed visits annually.
- Optimized inter-entity messaging via job-based syncing between 2 entities - payers and vendors.
- Maintained features using VB.NET and Angular across 2+ solutions.
- Managed and updated 6+ databases; collaborated across 3+ cross-functional teams.

Audit History / Notification Module (HHAX):

- Migrated legacy services to AWS, improving scalability by 150%; processed 150M+ records/day using Kinesis, Lambda, and OpenSearch.
- Used S3 for config/log storage, OpenSearch for indexing/querying.
- Modernized UI for 3 notification types; upgraded email system to handle 10K+ events/day via Kafka, reducing latency by 40%.
- Implemented Debezium Server for real-time CDC and audit history tracking for 300+ tables.

Goal Quest

- A cross-platform 'Personal Productivity & Goal-Tracking' Mobile Application app using .NET MAUI with features like goal tracking, gamification, daily logs, and user profiles.

EDUCATION

Deenbandhu Chhotu Ram University of Science and Technology

Bachelor Of Technology – Electronics & Communication Engineering - 8.91/10

2019-2023

SKILLS

- **Languages:** C++, C#
- **Frameworks:** .NET, Angular
- **Cloud/DB:** AWS (CloudWatch, S3, Kinesis, OpenSearch, Lambda), SSMS
- **Tools:** Jira, Bitbucket, Git, Visual Studio, VS Code, Debezium