

# AREEB ARSHAD

SENIOR SOFTWARE ENGINEER

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[GitHub](#) | [LinkedIn](#) | [Portfolio](#)

## PROFILE

Senior Full Stack Developer with 5 years of experience building scalable, secure, and high-performance web applications. Proficient in JavaScript and TypeScript, with strong expertise in NestJS, Next.js, and the MERN stack. A fast learner with a strong problem-solving mindset who takes ownership and thrives in collaborative team environments. Passionate about continuously evolving skills to deliver robust and innovative software solutions.

## PROFESSIONAL EXPERIENCE

### Senior Software Engineer - Full Stack Developer

**Brackets Private Limited**

**Dec 2024 - Present**

- Collaborating closely with the CTO, streamlined sprint planning, GitHub workflows, and overall SDLC processes to enhance efficiency and team collaboration.
- Worked in NestJS-based microservices architecture, leveraging AWS SNS and SQS as message brokers to ensure scalable and reliable event-driven communication across services

### Executive Software Engineer - Full Stack Developer

**Rendream**

**Jun 2024 - Dec 2024**

- Contributed to a microservices architecture project by implementing new features, including socket.io integration, S3 chunked file uploading, and MySQL data handling, while also performing regular bug fixes to ensure smooth functionality.
- Collaborated closely with product managers and UI/UX designers to translate business requirements into technical specifications, ensuring alignment with project goals and timelines.

### Software Engineer - Full Stack Developer

**ZAPTA Technologies**

**Oct 2022 - Jun 2024**

- Contributed to a microservices architecture project by implementing new features, including socket.io integration, S3 chunked file uploading, and MySQL data handling, while also performing regular bug fixes to ensure smooth functionality.
- Developed a Python script to automate attendance machine processes, collaborated on the company's website development, and provided training and mentorship to interns, fostering their growth and skills development.
- Collaborated closely with product managers and UI/UX designers to translate business requirements into technical specifications, ensuring alignment with project goals and timelines.

### Software Engineer

**Saigma Stretegic Systems**

**Sep 2021- Aug 2022**

- Developed and maintained multiple projects using the MERN (MongoDB, Express.js, React.js, Node.js) stack.
- Designed the database and project architecture, ensuring scalability and efficiency. Oversaw the design and implementation of the project.
- Engaged in continuous learning and skill development, receiving mentorship from senior team members to improve coding proficiency and understanding of software development principles.

## PROJECTS

### HealthCare Project

This is an all-in-one, HIPAA-compliant FDA registered healthcare system that combines remote data monitoring and telemedicine features to help doctors improve patient outcomes while increasing provider and patient engagement.

**Technology Stack:** Microservice, Nest.js, SNS & SQS as message broker, GRPC, MongoDB, Next.js, Tailwind, Stripe, Twilio, Chime

## QuickSteps

QuickSteps is a cutting-edge web-based accounting and invoicing software crafted for the unique needs of small and medium-sized businesses (SMBs). This platform is engineered to revolutionize the world of accounting by simplifying and streamlining a comprehensive spectrum of financial tasks.

**Technology Stack:** Nest.js, PostgreSQL, Sequelize, Next.js, Tailwind, MUI, Stripe, SES, SNS

## RevConductor

The Industry Cloud for High Tech Manufacturers, revolutionizing collaboration across the end-to-end supply chain of high-tech manufacturers to bring better products to market, faster.

**Technology Stack:** GraphQL, PostgreSQL, Microservice Architecture

## Temple Day Spa

Temple Day SPA is a client management and appointment system for spas, offering personalized service selection, including room and therapist preferences. Clients can manage their details and schedule appointments effortlessly.

**Technology Stack:** Express.js, MongoDB, ReactJS, MUI, Redux-Toolkit, RTK-Query

## Lahebo

Risk and compliance simplified. Script automation of legislation changes of Australian states, and managing how they apply to business processes. A central GRC (gov, risk, and compliance) platform to create, edit and monitor Risks and Actions.

**Technology Stack:** Nest.js, PostgreSQL, TypeORM

## NBA Analytics

Analytic tool which scrape the NBA seasons, teams and player data and make prediction and analysis of different teams and players across the season.

**Technology Stack:** Python, Selenium

## Circket

Circket is trusted by leading marketplaces and enterprise used device processors as the all-in-one solution to check and certify devices, building trust between buyers and sellers of used devices.

**Technology Stack:** Microservice Architecture, Express JS, Redis, MySQL, Angular JS

## ACADEMIC HISTORY

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### BS Software Engineering

Sep 2018- Oct 2022

- CGPA: 3.92
- *Activities and societies:* Participated in Sport Competition (Badminton) | Participated in Speed Programming | Actively involve in University's Seminar, Workshops, and Events

## TECHNICAL SKILLS

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|--------------|--------------|-------------|----------------|----------------|
| • JavaScript | • PostgreSQL | • React.js  | • Stripe       | • AWS EC2      |
| • TypeScript | • MySQL      | • Next.js   | • Twilio       | • AWS SNS, SQS |
| • Node.js    | • MongoDB    | • Redux     | • Socket.io    | • SES          |
| • Express.js | • Mongoose   | • RTK Query | • SendGrid     | • SNS          |
| • Nest.js    | • TypeORM    | • GraphQL   | • Git, GitHub  | • Event Bridge |
| • Python     | • Sequelize  |             | • Docker CI/CD | • AWS Chime    |
| • Flask      |              |             |                |                |

## SOFT SKILLS

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|---------------------|---------------------------------|
| • Decision Making   | • Leadership                    |
| • Positivity        | • Clarifying Client Requirement |
| • Team Work         | • Problem Solving               |
| • Critical Thinking |                                 |