

# Nudrat Saber

## Software Developer

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### PROFILE

Experienced Software Developer with 3+ years in frontend development. Proficient in Java, JavaScript, TypeScript, React.js, Node.js, and Next.js. Experienced in working with Docker and MySQL, MongoDB & PostgreSQL. Skilled in designing user-centric interfaces and optimizing database performance. Strong problem-solving abilities with a focus on agile methodologies. Committed to continuous learning and collaborative teamwork.

### PROFESSIONAL EXPERIENCE

#### Full Stack Developer

Algorizin | Contract

07/2023 – present | United States

- Transformed Algorizin's web pages using Next.js to enhance user experiences, optimizing UI designs.
- Revamped authentication form, reducing processing time by 40% for improved efficiency.
- Collaborated within Agile Scrum teams, fostering seamless development with cross-functional members.
- Pioneered API creation, boosting job application tracking efficiency by 20% through dynamic Kanban board.
- Proficient in Full-Stack Development, Next.js, Node.js, TypeScript, HTML5, CSS, Git, Nest.js, REST APIs, PostgreSQL, and Express.js.

#### Associate Software Engineer

Infosys

05/2022 – 06/2023 | Richardson, United States

- Developed applications using Java, Node.js, and REST API
- Maintained and managed databases using MySQL and PostgreSQL
- Developed frontend interfaces using React.js and Next.js
- Worked with Docker for containerization of applications
- Completed company certification for Java SE8, Selenium, and DevOps

#### Adjunct Faculty

Ahsanullah University of Science & Technology

01/2019 – 05/2019 | Dhaka, Bangladesh

- Conducted and assessed lab work for Object-Oriented Programming, Operating Systems, and Assembly Language courses to 70+ students; most students achieved outstanding results.
- Mentored multiple student groups in project development, leading to efficient outcomes

#### Software Trainee

RedX Solutions Ltd

01/2017 – 09/2018 | Dhaka, Bangladesh

- Coordinated with a team in an Agile environment developing Single Page Applications
- Developed web applications with React.js, Node.js & MongoDB.
- Used JWT for proper user authentication and authorization
- Executed unit testing, smoke test, and integration test using JEST and Jenkins

### EDUCATION

#### MS in Computer Science

The University of Texas at Arlington

08/2020 – 05/2022 | Arlington, United States

Excelled courses: Software Engineering, Analysis, Design & Testing, Web Data Management, Advanced Topics in Software Engineering, Artificial Intelligence, Computer Vision

#### BS in Computer Science

Ahsanullah University of Science & Technology

11/2013 – 01/2018 | Dhaka, Bangladesh

Dean's list (CGPA above 3.75)

### SKILLS

#### Programming:

Java, JavaScript, TypeScript, HTML, SQL, CSS, PHP

#### Framework/ libraries:

React.js, Node.js, Next.js, Express.js, Bootstrap, Tailwind, Spring Boot, Selenium

#### Dev Tools & Skills:

VS Code, Git, Jenkins, Docker, CI/CD, Cucumber

#### Database:

MongoDB, Firebase, MySQL, PostgreSQL

#### Cloud/web Services:

AWS, REST API

### PROJECTS

#### Reusable UI Design System

- Led robust UI component development, optimizing user interfaces.
- Employed Next.js and Nest.js for efficiency and PostgreSQL for database management.
- Designed mono repository, improving code management and collaboration.
- Ensured type-safe codebase with TypeScript for UI components.

#### Personal Health Monitoring System

- Developed a web application with a self-health monitoring management portal to keep track of persons vital.
- Created the interactive application using React.js, HTML, CSS, PHP & MySQL In an Agile environment. More than 70% tester were satisfied.

#### Siremar

- Developed a web application to keep a dynamic count of all residents of "Margarita Island" so that the island can get a stable, sound budget from the Central Government
- Collaborated with development team using Html, CSS, React, PHP, Laravel, MySQL, Node.js
- Built features like chat feature among residents, admin, and inspectors, Pages corresponding to roles, and managing the functions according to the roles