

# Abbas Shamshi

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## EXPERIENCE

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### Egen Solutions

Illinois, USA

Software Engineer

June 2021 – Present

- Collaborating with a team of four developers to modernize financial website to make it user-friendly for the users.
- Developed mobile app for iOS and Android using the Ionic framework for the users to make and view their upcoming payments along with many other functionalities.
- Coded integration tests using cypress to automate the test for mobile and web apps.
- Ensured industry design standards and development guidelines, delivering best industry practices.
- Conferred and devised a Standard of Procedure to achieve the best possible results in a cross-functional team.

### New York State Public Health Association

New York City, USA

Full Stack Developer

July 2020 – April 2021

- Leading a team of three to develop a web application to create an advocacy platform using ReactJS, to streamline the process of gathering user data from surveys offered by the web application.
- Designed and implemented the database architecture to efficiently store and retrieve the data for web application.

## TECHNICAL SKILLS

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**Programming Languages:** Typescript, JavaScript, PHP, Python

**Database Management:** MySQL, MongoDB, Firebase

**Web Tech. & Frameworks:** Angular, Ionic, GraphQL, Cypress, ReactJS, React Native, NodeJS, Bootstrap, HTML, CSS

**Software Tools:** Azure, Git, Kanban, Visual Studio, Docker, Npm, Photoshop, Gimp, Heroku.

**Methodologies:** Version Control, Agile

## EDUCATION

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### Pace University, Seidenberg School of Computer Science and Information Systems

New York, NY

Master of Science (MS) in Computer Science | **Concentration:** Mobile & Web Development | **GPA:** 3.8

March 2021

### Trinity College of Engineering and Research, Pune University

Pune, India

Bachelor of Engineering (BE) in Information Technology

June 2018

## ACADEMIC PROJECTS

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### Health Sense [[GitHub](#)]

March 2020 – April 2021

- Collaborated in a team of five to create mobile and web application that provides all health data in one location, eliminating the need for multiple apps, showing health insights & statistics, and recommending tips catered to the user.
- Coded the web application using ReactJS, and used Material UI framework to develop the UI of the web application.
- designed and developed the database to store and manage the user's personal and health information using MySQL.

### Socialize Players [[GitHub](#)]

November 2019 – December 2019

- Consulted with a team of two to create a social media website that enables sports players to build their profile based on the sports they play and allows recruiters to search for players and discover their information.
- Coded the website in PHP, made it responsive using Bootstrap, and used encryption to create and store passwords.
- Constructed the database using MySQL and used various JOINS to relate different tables in the database.

## RELEVANT COURSEWORK

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Algorithms & Computing | Concept & Structure in Internet Computing | Database Designs & Development of Web |

Mobile Application Development | Intro to Parallel & Distributed Computing | Mobile Web Development | Game Programming

## LEADERSHIP

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### Robin Hood Army NGO: Area Head

Pune, India

- Led a team of 25 volunteers to manage food distribution operations from restaurants to underprivileged areas of the city.