

Abbas Shamshi

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EDUCATION

Pace University, Seidenberg School of Computer Science and Information Systems
Master of Science (MS) in Computer Science | **GPA: 3.78**

New York, NY
May 2021

Trinity College of Engineering and Research, Pune University
Bachelor of Engineering (BE) in Information Technology

Maharashtra, India
June 2018

TECHNICAL SKILLS

Programming Languages: JavaScript, Typescript, PHP, Python
Database Management: MySQL, MongoDB, Firebase
Web Tech. & Frameworks: ReactJS, React Native, Ionic, NodeJS, AngularJS, Bootstrap, HTML, CSS
Software Tools: Visual Studio, GitHub, Jira, Docker, Npm, Unreal Engine, Photoshop, Gimp, Heroku.
Methodologies: Version Control, Agile, Open Source

EXPERIENCE

New York State Public Health Association
Full Stack Developer

New York, NY
September 2020 – Present

- Collaborated with team of three to develop responsive web application using ReactJS, enabling users to easily get in touch with elected representatives regarding ongoing healthcare-related issues through this advocacy platform.
- Designed and implemented database architecture using MySQL to efficiently store and retrieve data for web application.
- Developed backend using NodeJS and Express framework, hosted database on serverless architecture to feed data to web app using REST APIs, and implemented CRUD operations for database updates.
- Consulted with team of two to develop application frontend using ReactJS to make it responsive for users.

Pace University, Seidenberg School of Computer Science & Information Systems
Teaching Assistant

New York, NY
January 2021 – Present

- Assist professor with teaching Mobile Web Development course by presenting on topics and ensuring students understand class material, grading exams and assignments as needed.

Square Clues
Software Engineer

Maharashtra, India
November 2018 – June 2019

- Developed multiple e-commerce websites based on client's requirements using Bootstrap framework to showcase and sell products online and designed and implemented a database storing product and user information using SQL and PHP.
- Created diet management application for Android using Ionic framework to enable gym trainers to maintain client records, diet and caloric intake in real time.
- Built a mobile Android based application using Ionic framework for a company client to provide information and news about its organization, a list of its events, and enable users to register and RSVP.

ACADEMIC PROJECTS

Health Sense [[Github](#)] (ReactJS, Firebase, HTML, CSS)

March 2020 – December 2020

- Collaborate in team of five to create mobile and web applications that provide the user all health data in one location, eliminating the need for multiple apps, to show health insights & statistics and to recommend tips catered to each user.
- Code the web application using ReactJS and design and develop a database to store and manage the user's personal and health information using MySQL, uploading the data to the web server.

Socialize Players [[Github](#)] (PHP, MySQL, Bootstrap, HTML, CSS)

November 2019 – December 2019

- Consulted with team of two to create social media website that enables sports player to build their profile based on the sports they play and allow recruiters to search for players and discover their information.
- Coded website in PHP to retrieve data from database, designed frontend using Bootstrap to ensure website is responsive, used MySQL for database to store and retrieve data efficiently, and performed various CRUD operations.

RELEVANT COURSEWORK

Algorithms & Computing Theory | Mobile Web Development | Mobile Application Development | Internet Computing | Database Designs & Development of Web | Intro to Parallel & Distributed Computing | Game Programming | Computer Security