

Gauravkumar Shah

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EDUCATION

Texas A&M University , College Station, USA	GPA: 3.77
<i>Master of Science in Management Information Systems</i>	May 2018
Gujarat Technological University , Ahmedabad, India	GPA: 3.81
<i>Bachelor of Engineering in Information Technology</i>	May 2012

TECHNICAL SKILLS [<https://github.com/gauravshah786>]

Front End	Back End	Database	Tools
HTML5	Java	NoSQL	Git, SVN
React, TypeScript	Spring MVC	Oracle 10g	AJAX, JSON
CSS, Bootstrap	NodeJS	PostgreSQL	Tomcat, Maven

WORK EXPERIENCE

Texas A&M University, *Graduate Assistant* College Station, USA September 2017 - Present

- Built scalable APIs using TypeScript and GraphQL to fetch medical record details; secured APIs through authorization
- Developed file upload utility in React to save historical patient documents; generated detailed pdf reports for MD review
- Improved database design to reduce query processing time; integrated Sequelize to save database migration efforts
- Managed code revision history using SourceTree and Bitbucket; used Trello boards to manage Sprint tasks
- Implemented encryption of files using Crypto library to render files unreadable and comply with HIPAA guidelines

IBM, *Software Developer Intern* Austin, USA June 2017 - August 2017

- Designed reusable user interface components in React and Javascript ES6; managed application state using Redux
- Boosted code coverage to more than 95% by writing unit tests in Jest and Enzyme to save development efforts
- Contributed in continuous integration and continuous deployment by making pull requests using Github and Jenkins
- Worked in Agile methodology by briefing team in Scrum calls, suggesting story tasks and approximating efforts

Wishtree Technologies, *Software Engineer* Ahmedabad, India October 2015 - July 2016

- Granted role-based access to users at 3 different levels through Spring Security to enforce data confidentiality
- Built interactive dashboard of key indicators from Highcharts to gauge progress of client's 150+ impact evaluation projects
- Generated audit trails from MongoDB through Spring AOP to track changes and maintain adherence to project schedule
- Incorporated error statements with Log4j to easily identify and resolve defects thereby reducing debugging time
- Improved client's efficiency to fill out application details by 25% using responsive Bootstrap forms and jQuery plugins

Tata Consultancy Services, *Systems Engineer* Mumbai, India July 2012 - July 2014

- Collaborated with 6 team members from requirements definition till successful user acceptance testing to create managed file transfer interfaces in Sterling Integrator
- Created dummy application to demonstrate ability to perform CRUD operations through Java, Servlets and Hibernate

PROJECTS

Spotify RESTapi Platform [<https://spotify-sample.mybluemix.net>]

- Created application in IBM to fetch song details using axios from Spotify APIs; appreciated for quick ability to grasp React

Restaurant Web Application [<https://gauravshah786.github.io/webdev-yaakov/module5-solution>]

- Developed website with user registration and menu display modules to get hands on experience in AngularJS

AWARDS

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- Granted tuition waiver worth more than \$10,000 to work on Texas A&M Health Science projects
 - Received 2 "On the Spot" awards in TCS for extra mile efforts of automating scheduled tasks
 - Achieved more than 95% customer satisfaction for 4 TCS projects

INTERESTS

Interests: Read books, watch tennis, play foosball, badminton and racquetball

LEADERSHIP

Cushvie Online Services, *Cofounder* Ahmedabad, India August 2014 - August 2015

- **Spearheaded** Ahmedabad's **1st e-commerce** grocery website; managed operations using just-in time inventory strategy to reduce dead stock and minimize investment; promoted business using social and traditional media