Gauravkumar Shah

4302 College Main St, Bryan, TX | 979-900-9141 | gauravshah_786@tamu.edu | LinkedIn | GitHub | Portfolio

EDUCATION

Texas A&M University, College Station, USA	GPA: 3.77
Master of Science in Management Information Systems	May 2018

Gujarat Technological University, Ahmedabad, India	GPA: 3.81
Bachelor of Engineering in Information Technology	May 2012

TECHNICAL SKILLS

Front End	Back End	Database	Tools
HTML5	Java, J2EE	NoSQL	Git, Apollo Client
React, TypeScript	Spring MVC	PostgreSQL	Docker, Jenkins
CSS3, Bootstrap	NodeJS, Express	Oracle 10g	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 Jira 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 and developed rich content interface in React and JavaScript ES6; maintained single source of true data by Redux
- Collaborated with design team to convert mockups to functional software to provide delightful user experience
- Boosted code coverage to over 95% by writing unit tests in Jest and Enzyme contributing to overall user interface quality
- Worked in an Agile development environment, shared status on scrum calls, contributed to planning and grooming efforts
- Contributed to continuous integration and continuous deployment efforts via frequent code commits and test automation
- Demonstrated ability to quickly learn and master new technologies, delivering production quality code 2 weeks into project

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
- Managed complete software development life cycle of 50+ interfaces in Sterling Integrator through collaboration with 6 team members and multiple stakeholders across 5 continents; won "Best Team" award amongst 20+ teams
- Streamlined vendor file communication by designing dynamic routing channels and automated file transfer routines to decrease failure rate of interfaces; achieved more than 95% customer satisfaction for meeting SLAs for multiple projects
- Created prototype of file transfer interface using JSP, Servlets, JDBC and Hibernate to perform proof of concepts and initial analysis of required man-efforts for project; received 2 "On the Spot" awards for extra mile efforts

PROJECTS

Spotify RESTapi Platform | Website
- Demonstrated ability to quickly learn new technologies by creating application in React to consume JSON from Spotify APIs

Restaurant Web Application | Website
- Developed user registration and menu display modules to get hands on experience in AngularJS and Heroku

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 startup to reach 1000+ customers and deliver 15+ orders/day
- Led operations with 3 members team; employed just-in time inventory strategy to reduce dead stock and minimize investment
- Facilitated business growth using social and traditional media to increase revenue from 0 to 300,000 Indian Rupee