Gaurav Shah

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TECHNICAL SKILLS

Front End	Back End	Database	Other
Javascript, TypeScript	Java, Spring MVC	NoSQL	Highcharts, D3
React, AngularJS	GraphQL	PostgreSQL	Mobx, Redux
HTML5, CSS	NodeJS, Express	Oracle 10g	Git, Jira

WORK EXPERIENCE

F5 Networks, *Software Engineer II*   San Jose, USA   July 2018 – May 2021
- Built attacks monitoring dashboard with actionable interface in React; enabled users to mitigate risks from single page
- Developed scalable pages to handle 10k+ data entries using pagination, inspector, inline editor; improved user experience
- Explored use of packages mobx, nivo, msw, prime react, storybook; saved dev time by sharing knowledge with team
- Boosted code coverage to over 95% by writing unit tests in Jest and react-testing-library; improved product quality
- Debug the application and applied 50+ bug fixes to reduce errors, increase customer satisfaction and provide better services
- Created utility to automate creation of tasks in JIRA boards from Bugzilla; removed tedious work and saved man-hours
- Migrated legacy JSP web pages to AngularJS using reusable components and directives; reduced maintenance efforts

Texas A&M University, *Graduate Assistant*   College Station, USA   September 2017 - May 2018
- Built APIs using TypeScript, Apollo Client, GraphQL to fetch medical record details; secured APIs through authorization
- Developed file upload utility with multer library to save historical patient documents; generated pdf reports for MD review
- Improved database design to reduce query processing time; integrated Sequelize to save database migration efforts
- Implemented encryption of files using crypto library to render files unreadable and comply with HIPAA guidelines
- Built user interface with formik to validate data on client side; provided prompt error messages to reduce server requests
- Managed code revision history using SourceTree and Bitbucket; used JIRA boards to manage sprint tasks

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
- 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

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 in 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 using responsive Bootstrap forms and jQuery plugins
- Scheduled cron job to send weekly application reports in an email to project admins to monitor progress of field volunteers

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

LEADERSHIP

Cushvie Online Services, *Cofounder*   Ahmedabad, India   August 2014 - August 2015
- Spearheaded Ahmedabad's 1st e-commerce grocery startup to reach 2500+ 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 to reach revenues of 300,000 Indian Rupee/month and average order size of 700+ Indian Rupee

PROJECTS

Spotify Fun Platform | Website
- Built demo application in React, Node.js to fetch user and year's top tracks from Spotify APIs

EDUCATION

Texas A&M University, College Station, USA   GPA: 3.66
Master of Science in Management Information Systems   May 2018