Gaurav Shah

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TECHNICAL SKILLS

Front End	Back End	Database	Other
Javascript, TypeScript	Java, Spring MVC	MongoDB	Nivo, D3
React, AngularJS	GraphQL, Apollo Client	PostgreSQL	Mobx, Redux
HTML, CSS	Node.js, Express	Oracle	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; decreased page load time
- Analyzed mobx, msw, prime react, storybook, nivo packages; shared knowledge with team to save development time
- Automated stories creation in Jira boards from Bugzilla by Python script; prevented waste of efforts in tedious tasks
- Increased code coverage above 90% using unit tests in Jest; eliminated bugs and code repetition to improve product quality
- Debugged application and applied 50+ bug fixes; resolved production issues promptly to increase customer satisfaction
- Migrated legacy JSP web pages to AngularJS using reusable components and directives; reduced maintenance code
- Performed frequent code commits, code reviews; assisted team to expedite continuous integration and development
- Worked in an agile development environment, shared status on scrum calls; contributed to prioritize development tasks

Texas A&M University, *Graduate Assistant*   College Station, USA   September 2017 - May 2018
- Built APIs to fetch medical record details using TypeScript, GraphQL; empowered nurses to query data independently
- Developed file upload utility to save patient documents on Dropbox; made document review process hassle free for MDs
- Encrypted patient data using Node.js's crypto module; rendered files unreadable to comply with HIPAA guidelines
- Smoothened data entry process with React forms; validated data on client side to save time and prevent server round trips
- Improved database design to reduce query processing time; integrated Sequelize to reduce future database migration efforts

IBM, *Software Developer Intern*   Austin, USA   June 2017 - August 2017
- Designed and developed rich content interface in React and JavaScript ES6; ensured data integrity by using Redux library
- Collaborated with design team to convert mockups to functional software; provided clients with frictionless user experience

Wishtree Technologies, *Software Engineer*   Ahmedabad, India   October 2015 - July 2016
- Liaised with client, headed team of 3 developers from inception to successful project completion; won team new contracts
- Built interactive dashboard of key indicators in Highcharts; summarized data for client's 150+ impact evaluation projects
- Generated audit trails through Spring AOP; facilitated client with comparison tool to view, reconcile input data differences
- Granted role-based access to users at 3 levels through Spring Security; enforced authorization for data confidentiality
- Scheduled cron job to send weekly project status reports to client; developed interface to enable client to notify laggards
- Created responsive data entry forms with Bootstrap, jQuery; improved field agents' efficiency to fill out project details

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
- Pioneered Ahmedabad's 1st e-commerce grocery startup; served 2500+ customers with 5k+ orders delivered in 10+ areas
- Led operations with 3 members team; employed just-in time inventory strategy to minimize dead stock and investment
- Adopted digital marketing to promote business; reached revenues of 300k Indian Rupee/month at 700+ average order value

PROJECTS

Spotify Fun Platform | [Website](#) - Built application in React, Node.js to fetch user's and 2021's top tracks played on Spotify

EDUCATION

Texas A&M University, College Station, USA   GPA: 3.66/4
Master of Science in Management Information Systems   May 2018

Gujarat Technological University, Ahmedabad, India   GPA: 3.81/4
Bachelor of Engineer in Information Technology   May 2012