Saurabh Trivedi

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Education

Master of Science - Computer Science, San Diego State University, California, USA — Expected May-2019
Bachelor of Engineering - Information Technology, Gujarat Technological University, Gujarat, India — May-2017

Technical Skills

Languages:	Java(proficient), C, C++, C#(.Net), Python, Swift, Perl
Web Technologies:	JSP, Servlets, PHP, TypeScript, HTML5, CSS3, Foundation, bootstrap
JS Frameworks/Libraries:	JavaScript, Angular, AJAX, jQuery
Database:	MySQL, Firebase, AWS S3, JDBC, NoSQL, MySQL Workbench
Tools & Technology:	Android, IOS, Amazon AWS, Git, Jira, Jenkins, Junit, Microsoft Office

Experience

Web Development Intern | Qualcomm Incorporated, California, USA. — Jun 2018 to Present
- Full stack web developer responsible for the end-to-end development using PHP of Qualcomm Onboard Portal.
- Creating Onboard Portal user-friendly and responsive using Ajax, jQuery plugins, Foundation and Bootstrap.
- Create database schema to achieve functionality and efficiency of infrastructure also handle database operations.
- Data manipulation with Encoding and Decoding also securing using hashing algorithms, encryption and decryption.
- Train and provide documentation on various features and technology to maximize operational efficiency.
- Designing and maintaining Qualcomm Summer Intern website with upcoming events details.
- Test and deploy websites with version controlling using Git on Qualcomm GitHub.
- Write Python scripts to clean data from the Excel sheet.

Web Developer | Havmor, Gujarat, India. — Jan-2016 to May-2017
- Developed large and complex design web applications in Java (JSP and Servlets).
- Collaborated with designers to create a clean interface and quality user experience with Angular and jQuery.
- Carried out a quality assurance test to discover bugs and errors and optimize usability.
- Complete detailed development task for front-end and back-end side of web applications.

Project Intern | Renaissance Educare, Gujarat, India. — Aug-2015 to Apr-2016
- Created an online Practice Test (GRE340) for Renaissance Educare using JSP and Servlets.
- Designed, developed and enhanced the look and feel using HTML, CSS and JavaScript, jQuery and Ajax.
- Gathered requirements in the early stages of the development process to build architecture for GRE340.
- Identified, documented and reported bugs, errors, interoperability flaws also executed software test cases in JUnit.

Projects

Shopping App | Android, Java, Firebase, NoSQL and JSON
Developed a fully functional Android application to browse, search, filter and buy cameras.

SDSU Class Registration | Android, Java, Volley, NoSQL and JSON
Designed Android application for SDSU Class Registration which allowed students to add and drop multiple class.

Online Camera Store | Servlets, JSP, JavaScript, Ajax, and jQuery
Developed an online storefront for Cameras with detailed work on every feature.

Online Inventory System | Perl, State Management, Sessions & Cookies, Encryption and Data Serialization.
Design web application for merchant to add, edit and remove inventory for their business.

SDSU Marathon | PHP, MySQL, JavaScript, Ajax, HTML and CSS
Design application for the event with applicant registration. It validates form data at client and server side.

Online Library System | PHP, MySQL, JavaScript, HTML and CSS
Created a web application using PHP based on reuse system, including the software planning, requirement analysis, alternative analysis, reuse modification peer review, architecture, design and development, test planning and deployment.

Relevant Courses

Android Mobile App Development, iPhone/iPad Mobile App Development, Theory of Parallel Algorithm, Web Technology, Object Orient Programming, Information and Network Security, Cloud Infrastructure and Services, .Net Technology, Big Data Analytics, Database Management System, Software Engineering.

Workshop

Cyber Security Workshop | By Ankit Fadiya (Brand Ambassador of Digital India).