

GAURAV SHINDE

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SUMMARY

- **Team player**, willing to do whatever it takes to help the team succeed: front end, back end and everything in between.
- **Thrifty** and **resourceful**. Created dozens of high performing web apps using **Java** and **MEAN stack**.
- More than **three years'** experience with **Java, J2EE frameworks, REST/SOAP Web application** development, **MySQL/NoSQL, Linux** and **JavaScript/AngularJS, Amazon Web Services(AWS)**.

TECHNICAL SKILLS

- **Web Technologies:** C++, C#, Java, J2EE, Spring MVC, Python, PHP, AngularJS, NodeJS, JavaScript, CSS3, HTML5, jQuery, Bootstrap.
- **Web Services & Databases:** MySQL, Oracle, MongoDB, DB2, Google Firebase, RESTful APIs, SOAP, WSDL, Kafka, RabbitMQ
- **Cloud Technologies:** Amazon Web Services (AWS), Microsoft AZURE, Heroku, TCP/IP.
- **Tools:** GitHub, SVN, Grunt, Maven, Homebrew, Eclipse, WebStrom, OS Hypervisor, NetBeans, Visual Studio, Unity.

WORK EXPERIENCE

- Software Developer Intern – OS virtualization** **Toyota ITC, Mountain View, CA** September 2016 –March 2017
- Worked with researchers to implement safety features for cars viz. intersection/merge assistant, blind spot marking.
 - Implemented multithreaded **TCP** Server using **C** which listen to Unity's client and interacts with PikeOS hypervisor.
 - Implemented **MQTT** Mosquitto Broker and **OpenDDS** for communication with ElinOS.
- Java Developer – Software Delivery** **NSE.IT Limited, Mumbai, India** August 2013 – July 2015
- Responsible for software development and web development projects.
 - Accountable for analyzing requirements, developing designs, implementing and testing software/web applications using **Java, J2EE, JSP, WebLogic, Apache Tomcat, HTML, JavaScript, JQuery, Oracle and SQL**. Exposure to **Struts2, Spring, Hibernate, and Faces** frameworks.
 - Experience on multi-threading, data structures, algorithms, object oriented design, and design patterns.
 - Participated in AGILE SCRUM meetings. Used a hybridized AGILE/Waterfall method for development.

PROJECTS

- MeetingMate – Automatic MoM Generate**
- Responsible for analyzing requirements, developing designs, implementing and testing mobile/web applications using **JavaScript, HTML5, CSS, Bootstrap, AngularJS, Swift, NodeJS**.
 - Developed Web application using **MEAN** stack to create/edit employee profiles, setup meetings, download minutes-of-meeting reports for a meeting.
 - Used Natural Language Understanding algorithms with IBM Watson's Text-To-Speech, Speaker Recognition APIs.
 - Participated in AGILE SCRUM meetings. Used a Waterfall method for development.
- Dropbox Clone – Cloud File Sharing**
- Designed and developed cloud file sharing web application using **Java, J2EE struts2, JavaScript, HTML5, CSS**.
 - Created a **RESTful** API endpoints using Java. Designed NoSQL, documents, install and setup **AWS** cloud instances.
 - Added server push notifications using websockets protocol. Wrote many unit tests, e2e tests, api tests.
- AutoAttend– Automated Class Attendance System**
- Recognized the need to develop data tables to display student attendance information and update student records, then spearheaded the project using Java, **MongoDB** and REST.
 - Designed and Developed **android** mobile application. Created **RESTful** API using **Java**.
 - Used **AJAX, JSON** with **JQuery** for request data and response processing.
- Facebook prototype – Chat Messenger**
- Built a web application for multi-threaded **TCP** server using **Django** framework in **python**
 - Built a method to allow users to chat in a group and tracked all messages using **MySQL** database
- HouseVR –Reality Application**
- Development of Simulation environments for visualization of interaction between independent houses
 - Developed Web application using **MEAN** stack for users to navigate between house properties, buy/sell properties

EDUCATION

- Master of Science, San Jose State University, San Jose, CA** May 2017
- Computer Software Engineering,** **3.5/4.0**
- Enterprise Distributed Systems, Object Oriented Programming, Web UI and Design, Operating Systems, Network Security, Network Protocols and Applications.
- Bachelor of Engineering, University of Mumbai, Maharashtra, India** December 2012
- Computer Engineering,** **3.7/4.0**
- Data Structures and Functions, Analysis and Algorithm Designs, System Programming and Compiler Coding, System Security, Computer programming, Artificial Intelligence and Applications.