Full Stack Software Engineer Full Stack Software Engineer Full Stack Software Engineer - IPSERLAB LLC Union City, CA Work Experience Full Stack Software Engineer IPSERLAB LLC May 2019 to Present   Working on designing a site for Science lovers, developing the front end and managing back end of the site   Exposure of working on Agile software development methodology using Scrum   Utilized Node.js, AJAX and a RESTful API to send and retrieve data from the backend   Developed the front-end using HTML, CSS, Bootstrap, jQuery and JavaScript   Modules worked on includes, categories, project, funds, dashboard for the website Software Engineer Academic Affairs CSU- East Bay September 2017 to May 2019   Designing, Developing and managing the California State University East Bay Internship website   Collecting all data from the other internship website, filtering, and display on the main CSUEB website   Using Cascade 8 and HTML5 to build the website and use SQL to save data into the database Teaching Assistant CSU-East Bay, CS Department January 2018 to May 2018   Teaching and grading assistant of Programming Language concepts   Python, Java and C++ and basics of Ruby Client Server Distributed System August 2017 to December 2017   Designed to demonstrate multiple master and slave based on Java platform   Based on client request it will route to appropriate server for response   Client requests the server for addition, subtraction, multiplication and division Social Media Trends January 2016 - May 2016   Comparison of two framework Hadoop MapReduce and Apache Spark using Twitter live data.   First part counts the number of hashtags in both framework and compare the execution time   Second part counts the number of hashtags location wise and produce the result in R as a word cloud.   Framework used- Flume, Hadoop, Spark, R. Languages-Scala, C Software Developer Resquare PVT Ltd June 2016 to June 2017   Build an application for docker environment on the Linux based system   Test docker module version and install using Kubernetes   Use of Amazon ECS - Elastic Container registry, Command Line Interface, Containers, Linux IaaS August 2015 to December 2015   Performing activities like load balancing, live migration on IaaS using Open-Nebula and Xen.   Building API with Scala using play framework   Comparing Azure web service with other web services Education Master of Science in Computer Science California State University September 2017 to 2019 Bachelor of Technology in Information

& Communication Technology Ahmedabad University August 2013 to May 2017 Skills Android studio, Api, Arduino, C#, C++, Docker, Git, Google app engine, Hadoop, Hbase, Html, Javascript, Perl, Php, Python, Raspberry pi, Ruby, Rails, Ruby on rails, Verilog Links http://linkedin.com/in/hetvi-barot Additional Information SKILLS Hardware: Atmega 32 microcontroller, 8085, Raspberry pi, Arduino Programming Languages: Java, Python, C, C++, C#, HTML, R, Perl, php, Scala, GO, JavaScript, SQL, MATLAB, Ruby on Rails, Verilog, Node JS, HBase, Angular, ASP.NET, Jquery, ADO.net Tools: Latex, Scilab, LTSpice, Xilinx, LabVIEW, Cisco-Packet tracer, Wireshark, Logisim, Android Studio, Citrix Xen, Google App Engine, Facebook API, AWS, Docker, MongoDB, PostgreSQL, Heroku, Git Bash, Google Cloud Platform, Microsoft Office, Git hub Environment: Windows, Linux, Ubuntu, Hadoop, Spark, Flume, Redis, Cassandra, Zookeeper, Impala Coursera Certificate: Successfully completed and earned a statement of accomplishment in R programming course provided by John Hopkins University.

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