|  |  |  |
| --- | --- | --- |
| **EDUCATION** | | |
| **Masters of Science, Software Engineering** | | Aug 2017 – May 2019 |
| San Jose State University, CA, USA | |  |
| **Bachelors of Engineering, Electronics and Communication** | | Jun 2011 – May 2015 |
| Gujarat Technological University, Ahmedabad, India | |  |
| Award: Scholarship for best academic performance | |  |
| **WORK EXPERIENCE** | | |
| **Capgemini India Pvt. Ltd, Senior Software Engineer** | | July 2015 – July 2017 |
| * Developed a Mobile Application for a food and agricultural industry to handle their client accounts, activities with the clients, manage opportunities and finding client potential that can tell the share of the industry in client business. * Contributed to CG- Portal App which is Google play store like application using Xamarin iOS. * Developed a Mobile App with key functionalities of Managing and maintaining a database with 4 million records of cylinders, report generation and printing using portable Bluetooth Printer and Device location logging. * Technologies: Xamarin iOS and Xamarin Android, C#, XCode, Azure Webservices, MySql | | |
| **Institue for Plasma Research, Software Engineering Intern** | | Jan 2015 – May 2015 |
| * Developing various software control system for NBI power supply system. * Designing Operating sequence of power supply system. * Processing and management of acquired data for Neutral Beam Injection. * The solution relied on the base of PXI bus and Windows operating system and LabView as the programming language. | | |
| **Bharat Sanchar Nigam Limited, Trainee** | | June 2013 – Dec 2014 |
| * Silver Certificate: Digital Switching Systems, Digital Transmission Systems, and Telecom Support Infrastructure * Gold Certificate: Optical Fiber Technology, Broadband Technology, Broadband Technology * Platinum Certificate: IP Networking & Cyber Security and Mobile Communication | | |
| **San Jose State University, Teaching Assistant** | | Aug 2017 – Present |
| * Helping and solving queries of students in the course of Analog circuits. * Grading student assignments, homework and exam papers. | | |
| **PROJECTS** | | |
| **Kayak.com Simulation (NodeJS, ReactJS, MongoDB, MySQL, Kafka, REST)** | | Oct 2017 – Present |
| * Implemented a 3-tier application with functions of Kayak for different travel services with objects like Users, Listings, Billing and Administrator. * Kafka as middleware, connection pooling, graphs, MongoDB sharding * Logs to keep track of user activities. * Perfomace improvement testing for 10,000 users using JMeter and Mocha. | | |
| **Dropbox Application Prototype (ReactJS, NodeJS, MySQL, MongoDB)** | | Aug 2017 – Oct 2017 |
| * Developed an application using 3 tier distributed architecture with modules of user account, file upload, file sharing, activity report and group sharing. * Kafka as middleware to decouple communication between server and client, connection pooling, logs for user activities * JMeter, MochaJS and Junit for performance testing. | | |
| **Chat Me SJSU (Python, Slack API, REST)** | | Aug 2017 – Present |
| * Developed a chat bot integrated with messenger like Slack through which simple questions or problems a student has in SJSU could be answered. * Using the natural language processing and through Rest calls data is modeled and bot keep querying locally hosted app/db to get the required information. | | |
| **Smart Social Network for Universities** | | Aug 2017 – Present |
| * Developing a social networking application for the universities with features of group creation, deletion, messaging within and between the groups, uploading and saving files, mail services, notifications, admin control, service requests. * Elgg as open source networking engine, ReST API for communication between the server database and client-server, MongoDB for database, HTML5, JavaScript, CSS for development of web application, AWS S3 for storage. | | |
| **Hotel Booking Management Systems (Spring, JSP, Servlet, SQLite,MVC)** | | Jul 2017 – Aug 2017 |
| * Designed an application with modules like admin, renting and booking. * Used Wildfly as the server and Oracle 9i for database. * Junit for performance testing. | | |
| **SKILLS** | | |
| Operating Systems: | Mac, Windows, Linux | |
| Technologies/Framework: | J2EE, JavaScript, C#, C++, REST, Spring, MVC, Node.js, Zookeper, ReactJS, AWS, EC2 | |
| Database/Middleware: | MySQL, Oracle9i, SQLite, MongoDB, Kafka, Passport.js, Express | |
| Testing: | Junit, JMeter, Mocha | |
| Tools: | Eclipse, Xamarin Studio, XCode, GitHub, SVN, Microsoft Visual Studio | |