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| **Rohit Sahasrabuddhe** | |
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| **EDUCATION** | |
| **Master’s in Computer Science** (Intelligent Robotics) | CGPA 3.85/4.00 |
| University of Southern California,Los Angeles, California. | May 2019 |
| Courses: Foundation of AI, Database Systems, Analysis of Algorithms, Robotics | |
| **Bachelor’s in Computer Science and Engineering** | CGPA 9.06/10.0 |
| S.G.G.S. Institute of Engineering & Technology,Nanded, Maharashtra, India. | June 2015 |
| Courses: Advanced Algorithms, Distributed Computing, Operating System, Advanced DBMS, Artificial Neural Networks, Data Structures, Introduction to Web Programming, Unix System Programming. | |
| **TECHNICAL SKILLS** | |
| |  |  |  | | --- | --- | --- | | **Skill Type** | **Professional Level Experience** | **Beginner Level Experience** | | **Programming Language** | Java, JavaScript, HTML, CSS | C, PHP, Python | | **Database** | MySQL, Oracle 11g | Google Cloud DB, PostGIS | | **Java MVC Frameworks** | Spring, Hibernate, Struts |  | | **Mobile SDK** | Android |  | | **Servers/Tools** | Node.js, Mainframes, Apache Tomcat | Gremlin, Weka, Git | | |
| **WORK EXPERIENCE** | |
| **Tata Consultancy Services**, Hyderabad, India. (2 Years) | Sept 2015 - Aug 2017 |
| **Designation**: **Assistant System Engineer** | |
| **Software Developer** | |
| * Developed Java web application using Springs MVC framework and Hibernate 3 for Ericsson to view high level data related to all products manufactured at plant. | |
| * Implemented software enhancement requests, received from clients on quarterly basis to upgrade and improve existing performance of application. | |
| * Upgraded JAR file composed of DB cases by modifying and adding new functionalities to support improved business architecture. | |
| * Deployed automated shell scripts, using cron jobs on Unix data servers to minimize manual efforts invested in maintaining and supporting applications. | |
| * Maintained 3 web applications and 1 utility based application with different architectures and technologies by analyzing and troubleshooting application issues on day to day basis. | |
| * Co-ordinated migration activity of an application (LTB Tool) from Solaris server to Linux server and Oracle database to Oracle Exadata Cloud Services. | |
| * Consulted with client managers in biweekly meetings to report application availability, performance, change requests, ongoing activities and upcoming activities. | |
| **PROJECTS** | |
| **Fruit Rage:** Android Game (GitHub: https://git.io/vNkCJ) | Oct 2017 - Jan 2018 |
| * Developed mobile game like Candy Crush using Android Studio, where the user plays against an AI agent instead of their own. | |
| * Developed Intelligent Agent using minmax algorithm with alpha-beta pruning, which dynamically selects next move depending upon time remaining for agent. | |
| **Case Study: Understanding Mozilla Firefox Browser** | Jan 2015 - May 2015 |
| * Analyzed components, source code, architecture and directory structure of Mozilla Firefox web browser. | |
| * Investigated different strategies to improve performance of Mozilla Firefox by replacing its memory allocator. | |
| * Assessed performance of memory allocator of Firefox web browser to tackle high memory consumption problem. | |
| **ICon3C:** Website (GitHub: https://github.com/RohitSahasrabuddhe/ICon3C) | Dec 2014 - Jan 2014 |
| * Designed a website for International Conference held at SGGSIE&T institute using HTML, CSS & JavaScript which provided students, faculties and researchers online platform to participate in conference. | |
| **Nanded City Guide** Android Application | Jun 2014 - Nov 2014 |
| * Designed GPS based Android application to locate nearby Healthcare, Security, Transportation and Entertainment services. | |