|  |  |
| --- | --- |
| **Rohit Sahasrabuddhe** | |
| 721 W. 30th Street, Apt.5, | Portfolio: http://www.rohitsahasrabuddhe.com |
| Los Angeles, CA 90007. (213) 291-4616. | LinkedIn: https://linkedin.com/in/rohit-sahasrabuddhe |
| Email: rohitsahasrabuddhe@gmail.com | GitHub: https://github.com/RohitSahasrabuddhe |

|  |  |  |
| --- | --- | --- |
| **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. | | |
| **SKILLS** | | |
| **Programming** | Java, JavaScript, HTML, CSS, Spring, Hibernate, SQL (Expert Proficiency)  Android SDK, Struts, C, PHP (Intermediate Proficiency)  Python, Mongo DB, Google Cloud DB, PostGIS (Beginner Proficiency) | |
| **Servers & Tools** | NodeJS, Oracle 11g, IBM Mainframes, Tomcat, Gremlin, Weka, Git (Intermediate Proficiency) | |
| **WORK EXPERIENCE** | | |
| **Tata Consultancy Services**, Hyderabad, India. (2 Years) | | Sept 2015 - Aug 2017 |
| **Designation**: **Assistant System Engineer** | | |
| **Role: 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** **performance** of existing application. | | |
| * 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. | | |
| * **Consulted** with **client managers** in biweekly meetings to report application availability, performance, change requests, ongoing activities and upcoming activities. | | |
| **PROJECTS** | | |
| **USC Bookstore Shift Scheduler:** Web Application (2 Team Members) | | Jan 2018 - Present |
| * Developing a web application using HTML, CSS, JavaScript, **Node.js** and **MongoDB** database for USC Computer Store to help schedule employee shifts based on their availabilities | | |
| **Super Fruit Riot:** Android Game (GitHub: https://git.io/vNkCJ) (2 Team Members) | | 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 an Intelligent Agent using **minimax** **algorithm** with **alpha-beta pruning**, which dynamically selects next move depending upon time remaining for agent. | | |
| **Case Study: Understanding Mozilla Firefox Browser** (6 Team Members) | | Jan 2015 - May 2015 |
| * Analyzed components, source code, architecture and directory structure of Mozilla Firefox web browser. | | |
| * Assessed performance of **memory allocator** of **Firefox** web browser to tackle high memory consumption problem and Investigated different strategies to improve performance of Mozilla Firefox by replacing its memory allocator. | | |
| **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 (3 Team Members) | | Jun 2014 - Nov 2014 |
| * Designed **GPS** based **Android** application to locate nearby Healthcare, Security, Transportation and Entertainment services. | | |