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| **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 |

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| **EDUCATION** | | |
| **Master’s in Computer Science** | | CGPA 3.5/4.0 |
| University of Southern California,Los Angeles, California. | | May 2019 |
| Courses: Machine Learning, Foundation of AI, Analysis of Algorithms, Database Systems, Robotics | | |
| **Bachelor’s in Computer Science and Engineering** | | CGPA 9.06/10.0 |
| S.G.G.S. Institute of Engineering & Technology, Maharashtra, India. | | June 2015 |
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| **SKILLS** | | |
| **Programming** | Java, JavaScript, HTML, CSS (Proficient)  C, Python, PHP, C#, ASP.NET, VB.NET,COBOL (Familiar) | |
| **Database** | MySQL, Mongo DB, Oracle 11g, Google Cloud DB, PostGIS | |
| **Servers, Frameworks & Tools** | NodeJS, AngularJS, Android SDK, Spring, Hibernate, Struts, IBM Mainframes, Tomcat, Gremlin, Git (Intermediate Proficiency) | |
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| **WORK EXPERIENCE** | | |
| **Student Programmer** | | Jan 2018 - Present |
| **USC Cancer Research Informatics Core**, Los Angeles, CA. (7 Months) | | |
| * Developed **data analytical** tools which helped researchers analyze cancer patient data. | | |
| * Created **custom** **applications**, databases, surveys and **websites** for multiple cancer research groups to enable efficient reporting and analytics on various cancer studies. | | |
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| **System Engineer** | | Sept 2016 - Aug 2017 |
| **Tata Consultancy Services**, Hyderabad, India. (1 Year) | | |
| * Delivered an **big data** processing application for Ericsson client using **Hadoop MapReduce** technology. | | |
| * Developed **Java web** application using **Springs MVC** and **Hibernate 3** frameworks for Ericsson client to view high level data related to all products manufactured at plant. | | |
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| **Asst. System Engineer** | | Sept 2015 - Sept 2016 |
| **Tata Consultancy Services**, Hyderabad, India. (1 Year) | | |
| * Implemented **software enhancement** 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. | | |
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| **PROJECTS** | | |
| **Multipurpose Chatbot:** Web Application (GitHub: https://git.io/vpjYu) | | April 2018 - May 2018 |
| * Developed a **chatbot** using **chatterbot** python **api** and node.js for different business models. | | |
| * Extracted and analyzed **dialog flow** to **train** **models** according to business requirements. | | |
| **Super Fruit Riot:** Android Game(GitHub: https://git.io/vNkCJ) (2 Team members) | | Oct 2017 - Jan 2018 |
| * Built **mobile game** like Candy Crush using **Android** Studio, where the user plays against an **AI agent**. | | |
| * Programmed an **Intelligent Agent** using **minimax** **algorithm** with **alpha-beta pruning**, which dynamically selects next move depending upon time remaining for agent. | | |
| **ICon3C:** Website (GitHub: https://git.io/f4b9h) | | Dec 2014 - Jan 2014 |
| * **Launched** **website** for International Conference using **PHP**, **HTML**, **CSS** & **JavaScript** providing 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 public services. | | |
| **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. | | |
| * Investigated different strategies to improve performance of Mozilla Firefox by replacing its memory allocator. | | |