

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: AI, Database Systems, Analysis of Algorithms, Introduction to 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

Languages: Java, C, HTML, CSS, PHP, JavaScript, Python(Beginner)

Databases: MySQL, Oracle 11g, Google Cloud Database(Beginner), PostGIS (Beginner)

Java Frameworks: Spring MVC, Struts2, Hibernate 3

Mobile Technology: Android Application Development

Other Technologies: Mainframes, Hadoop(Beginner), Gremlin, Weka(Beginner)

Softwares: Microsoft Office (Word, Excel and PowerPoint), Outlook

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 existing performance of application.
- Upgraded JAR file composed of DB cases by modifying and adding new functionalities to support improved business architecture.

Role: Technical Support Executive

- 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 SGGSI&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.