Ajay Kedare

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Experience

Oracle, Hyderabad July 2018 - Present
Applications Engineer
- Working as a developer in Oracle ERP Cloud Integration team, responsible for different SOAP and REST based ERP Integration services used by customers
- Implementing new enhancements in the ERP cloud integration services which will enhance user experience with Oracle ERP cloud
- End-to-end customer interaction and troubleshooting problems in accessing FBDI (File Based Data Import) and Non-FBDI processes

Department of CSE, IIT Bombay July-2015 – June 2018
System Administrator
- Responsible for maintaining department servers like Mail, LDAP, Puppet, Nginx, Nagios etc.
- Actively maintaining a production server that is used by more than 1000 students every year
- Providing technical support to lab courses for software installation and troubleshooting
- Maintaining and troubleshooting the network infrastructure of department

Infosys Limited, Pune September 2012 – July 2015
Senior Systems Engineer
- Offline HTML TOOLBOX & TaskStylesheet
  - Developed an offline html single page application and a MVC based web application for customizing the task cards used by the maintenance engineers of Boeing company
  - Based on Agile Development Methodology involving daily scrum calls with onsite team
  - Managed the offshore team of 4 members with task allocation and daily status reporting
  - Technologies involved: Java, Spring 3.2, XSLT, iBatis, AngularJS, Bootstrap, CSS, JSON
- Microsoft IT Division(MSIT)
  - Provided an application support for volume licensing information of Microsoft products
  - Work involved interaction with clients and resolving their issues
  - Technologies & Tools involved: Microsoft SQL Server, PLSQL, SQL Server Management Studio

Education

Examination	University	Institute	Year	CGPA/%
M.Tech (CSE)	IIT Bombay	IIT Bombay	2018	8.95
B.Tech (IT)	Shivaji University	Walchand College of Engg., Sangli	2012	7.44
HSC	Maharashtra State Board	Janata Vidyalaya & Jr. College, Yeola	2008	85.33
SSC	CBSE	Jawahar Navodaya Vidyalaya, Nashik	2006	87.00

Technical Skills

Programming & Scripting Languages: C, C++, Java, Golang, Python, Shell, AWK, SED
Web Technologies: AngularJS, Django, JSP, JSF, Spring MVC, OJET
Tools & Other Technologies: Eclipse, PyCharm, SQL Server Management Studio, Git, Puppet, iBatis, Hibernate, Mysql, Postgresql, Hadoop MapReduce framework

Projects

Smart Question Repository and Paper Generator *(M.Tech Project)*
- *Objective*: To develop a secure application to support the question and question paper management for instructors which also generate the automatic question paper with dynamic header
- Associating parameters such as difficulty, chapter section ratio etc., to questions and using it for automatic question paper generation based on some user provided criteria

IVRS based Helpline Application *(Research & Development Project)*
- Developed an IVRS based helpline application using Django framework which is being used by students from rural area for career guidance
- Developed *Abhyuday Helpline Android App* which is available in Google Play Store is used by volunteers

RAFT Enabled Replicated File System *(Advanced Distributed Computing - Engineering a Cloud)*
- Implemented the Raft distributed consensus algorithm for log replication among servers
- Implemented a replicated file system with basic operations such as read, write, cas(compare & swap), delete
- Handled concurrent multiple client requests using Golang's multithreading framework
- Unit testing and system testing of the file system using Golang's testing framework

Operating Directly on Text Files in PostgreSQL *(Implementation Techniques for Relational Database Systems)*
- Designed and implemented a patch for PostgreSQL to operate on text files as normal relations
- Implemented indexing on top of scan to support faster execution of point queries

Hand Gesture Recognition using Convolutional Neural Networks *(Foundations of Machine Learning)*
- Generated the training data of about 50K-60K hand images from opencv-python program
- Designed, developed and trained a deep CNN to classify images into different hand gestures

Positions of Responsibility

Institute System Administrator at IIT Bombay
- Responsible for maintaining gymkhana servers of institute which hosts different websites and portals currently being used in the institute
- Responsible for hosting and maintaining election portal during hostel elections
- Represented middle layer committee which acts as communication channel between Computer Center and students for addressing the issues faced by the students
- Coordinating with all hostel sysads to resolve all network related issues in the hostel

Achievements and Activities

- Presented a paper on **'Conversion of Relational Database to Graph Database and Retrieval of Data'** in **"GEOMATRIX 12"** (An International Conference on Geospatial Technologies and Applications at IIT Bombay) (February2012)
- Received **Wow Award** for superior performance in Infosys Limited for Q2FY2014-15
- Completed Infosys Certified Java Programmer certification
- Worked as an instructor in a 2 day "Hardware Workshop" organized by SAIT, IT Dept, WCE
- Won **3rd prize** in C-programming contest held at ADCET, Ashta(Sangli)
- Part of winning cricket team at zonal level during 2011-2012
- Won **Star Player Award (2016-17)** for exemplary performance and exceptional contribution in PG Sports'16-'17 at IIT Bombay
- Awarded **Player of the GC Athletics** for overall best performance in athletics, PG Sports'16-'17 at IIT Bombay
- Won **3 Gold, 5 Silver and 4 Bronze medals** in different events in PG Sports at IIT Bombay
- Won **2nd prize** in Inter Department PG Group Dance Competition in PG CULT'16-'17
- **Hobbies:** Playing cricket, Travelling