

DILEEP DAIL

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Education

Master of Science, Computer Science	California State University, Fullerton, CA	GPA: 3.5	May 2021
Bachelor of Engineering, Computer Engineering	University of Pune, Pune, India	GPA: 3.1	July 2012

Technical Skills

Languages and Database	Java, J2EE, Python, C, SQL MySQL, Oracle, MongoDB
Frontend	AngularJS, JavaScript, jQuery, HTML, CSS, JSON, XML, AJAX
Frameworks	Struts, Spring Boot, Spring MVC, Hibernate, JAX-RS, JPA, JDBC, JSP, Coded UI, AWS Lambda
Web Server	Apache Tomcat, JBoss, Wildfly, Ubuntu, Centos, Linux
Tools and Repository	Eclipse, IntelliJ, Jupyter, Spyder, Firebug, Tortoise SVN, Git, Jira
Development Methods	Agile, Scrum, Waterfall

Certification

- Certified – Core Java & Advanced Java seedinfotech.com February 2013
- Certified – Artificial Intelligence A-Z udemy.com January 2019

Work Experience

Webmaster, Student Assistant California State University, Fullerton, CA October 2018 – Present

- Developing College of Communication website using **HTML, CSS, JavaScript, jQuery, JSP** and **Omni Update (CMS)**
- Utilizing **SQL** queries to generate reports from student records for academic improvement analysis
- Handling **JSON/XML** data for the news feed, which API would send back in response
- Interacting with various departments to understand requirements, provide IT support and resolve production issues

Software Engineer TimesOfMoney Pvt. Ltd., Navi Mumbai, India July 2014 – July 2018

Instant ACH account verification (Java, JSP, Servlet, Oracle, JBoss, Java Web Services, JSON, Ajax, JavaScript, CSS)

- Development of instant verification of US-based ACH bank account by consuming several APIs provided by Yodlee
- This module also checks the account history of the customer to mitigate the business risk

Dynamic KYC module (Java, JSP, Servlet, JavaScript, CSS, Ajax, Oracle)

- Development of customer's KYC capturing dynamically based on sending and receiving country
- This form would populate the digital form and scan copy of documents specified in back-end for the transacting corridor

Auto Fund Disbursement module (Java, JSP, Servlet, Oracle, JavaScript, JBoss)

- Built a module to auto & instant disbursement of the fund in a beneficiary account using APIs provided by UAE Exchange
- Using java multithreading techniques to handle a huge amount of record posting to deliver the funds

Remit2india, Klinnk, Remitlite mobile App (Java, Restful web services, JSON, JBoss, Ajax, JavaScript, Oracle)

- Created more than 20 APIs using Java Restful web services to provide a response of request initiated from Mobile App
- Used cryptography techniques to encrypt the request and response packets to prevent unauthorized use

Exchange Rate Calculator for Remit2india (JSP, Servlets, CSS, Ajax, Oracle, JBoss)

- Built a common logic to calculate the latest exchange rate of the selected sending and receiving country
- Efficiently used the Ajax and JavaScript to load and display the current value of the exchange rate

Admin Tool for updating Currency Exchange Rate (Java, JSP, JavaScript, Oracle, JBoss)

- Developed an Admin Tool for our operation team to update the current exchange rate
- Used JSP and front-end and in back-end created Servlets and java daemons to update rate everywhere on all platform

Customer Service Executive Coppergate, Mumbai, India July 2013 – Dec 2013

Auto Electricity Invoice Generation and Monitoring Tool (SAP)

- Using SAP based tools monitoring and correcting invoice generated for Electricity

Academic Projects

CumuloAutoNation (Apache Tomcat, AWS (EC2, RDS, S3, Lambda), Python, Raspberry Pi, JSP, MySQL)

- Developed a part of fully automated food monitoring and customer feedback system using Raspberry Pi
- Uploading the image on different cloud simultaneously after encrypting using AES algorithm

XtremPro (C, PHP, MySQL, JavaScript, Ajax)

- Developed a module to prevent media piracy using multiple cryptography algorithms and techniques
- Provided web interface to download media file after the key to decode file after downloading into the system

Motor Bike Showroom module (PHP, MySQL, JavaScript, CSS, HTML)

- Created a web application for the motor-bike showroom to sell and maintain its record in the database
- Used PHP in front-end for end-user and MySQL in back-end for an administrator to maintain the website