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SANDEEP NADELLA

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SUMMARY

Professional cloud application engineer with three years of Java backend development experience seeking full-time opportunities

EDUCATION

Master of Computer Science (MCS), Computer Science   **August 2018 – May 2020**
Arizona State University (ASU), Tempe; United States   GPA: 4/4

Bachelor of Technology (B.Tech)   **July 2011 – May 2015**
National Institute of Technology, Warangal (NITW); India   GPA: 8.12/10 (≈ 3.6/4)

TECHNICAL SKILLS

Programming Languages: Java (primary), JavaScript, HTML5, CSS, SQL, Python
Technologies, Libraries, Tools: Jersey RESTful Webservices, J2EE and Web design, development essentials, REST and SOAP web services, JSON/XML, Amazon Web Services (AWS), AWS Lambda, API Gateway, Android App Development SDK, XSLT, JUnit testing, MySQL, PostgreSQL, Python – Django framework, TensorFlow APIs, Git, Gradle, Maven build tools, Docker, Google Firebase, ML Kit
Operating Systems: Windows, MacOS (primary), Android, iOS, Linux (Debian, RedHat)

PROFESSIONAL EXPERIENCE

Arizona State University, Tempe: Full Stack Software Developer   **January 2019 – May 2020**
- Built Analytics applications for SoMSS, AMLSS departments, MTBI program using Node.js, Angular (TypeScript), Cube.js, Chart.js, MySQL and deployed on AWS Lambda, S3, Redis, RDS
- Developed core application features including JSON Web Token (JWT) based application login, Secure file storage in AWS S3, Visual analytics dashboard using Cube.js and Chart.js
- Deployed and maintained Docker based Open source software such as Opencast for SoMSS, Concerto for CHS departments

Oracle Corporation: Applications Engineer, Senior Software Developer(Commerce Cloud Integrations Team)   June 2015 – July 2018
- Contributed significantly to the development of Java based Commerce Cloud Adapter by working on Oracle Integration Cloud Services (ICS) SDK
- Led the successful migration of Commerce Cloud internal API documentation to JSON Hyper-Schema, OpenAPI Specification
- Implemented and maintained Swagger functionality of ICS/OIC CC adapter
- Contributed to Commerce-Responsys, Commerce-SiebelCRM, Oracle Engagement Cloud for Communications integrations
- Developed the front end and back end designs for CC-OROMS integration using Java and JavaScript
- Designed XSLT templates for mapping data for Oracle FOM, OROMS and Commerce and implemented Product Hub integration
- Formulated Swagger template based NodeJS custom extensions development for Commerce Cloud

ACADEMIC PROJECTS

- **Construction of Influence Flowers** - Visualizes the contribution of various real estate business categories to the City's growth and the contribution of Directors, Writers to a genre collection in the Movie industry
- **Health Care Mining** - An information extraction system that turns unstructured medical healthcare data from sources like WebMD.com, Drugs.com, Patient.info into structured information provided with a parametric search interface
- **Exalty** App - Context based playlist recommendation app which integrates with Spotify
- **Action** App - Application to train custom gestures and test for accuracies using various Machine Learning models using Weka

ACHIEVEMENTS

- Engineering Graduate Fellowship **2018-2019, 2019-2020**
- **All India Rank** of **3468** in **AIEEE** (Appeared: 1.05 Million), **State Rank** of **148** in **EAMCET** (Appeared: 0.3 Million), **All India Rank** of **34** in **SRMEEE** (Appeared: 0.15 Million)