Aditya Ravishankar

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EDUCATION

Master of Science (M.S.) in Computer Science, University of California Santa Cruz   **Sep 2021 — Mar 2023 (exp.)**
GPA : 3.85   Santa Cruz, CA
Coursework: Distributed systems, Analysis of algorithms, Programming languages, Artificial Intelligence, Computer Networks

Bachelor of Engineering (B.E.) in Information Science, Visvesvaraya Technological University (VTU)   **Aug 2014 — Jun 2018**
Grade: Distinction   Bangalore
Coursework: Algorithms and Data Structures, Operating Systems, Database Systems, Unix and shell programming
Activities:
- Two seminar sessions on Cloud Networks & IoT for a class of 100+ sophomores and undergrads.

EXPERIENCE

Nutanix   **June 2022 — Sep 2022**
Software Engineer Intern   San Jose - Bay Area, CA
- Developed 7 Terraform plugins in GoLang to expose Nutanix Cloud Object Store's core functionality
- Implemented 10-12 bug fixes and enhanced the code to develop a working prototype of Terraform provider AWS with Nutanix Object Storage.

University of California, Santa Cruz   **Jan 2022 — June 2022**
Graduate Teaching Assistant   Santa Cruz, CA
- Assisted in setting-up a 20 technology based seminar classes for a class of around 150 students for Technology-Management course.

Oracle   **June 2018 — Aug 2021**
Cloud Engineer   Bangalore
- Automated data loading to a private database from public REST API's - eliminating manual work and resulting in reduction of load times **from 1-2 days to 30 mins.**
- Planned and assisted migration efforts to Oracle Integration Cloud - Gen 2 platform for 4 enterprise accounts
- Integrated Cloud PaaS and ERP SaaS to develop real-time file scheduling PoC in the cloud - *leading to win deal of $10 Million+ TCV*
- Configured and implemented cloud solutions in *collaboration with Enterprise architects* - for a **total of 50+ customers over 3+ years**
- Awarded **Star of FY-2020** (class of 2018 grads)

SKILLS

Programming	Python, Go (GoLang), Java, Shell, HTML, XML
Tools and technologies	REST API, Terraform, Cloud Architecture - PaaS/IaaS, SOAP, Oracle Database(+ADW/ATP), Linux
Cloud Certifications	Certified Cloud Architect, Cloud Developer, Cloud Operations, Autonomous Cloud Database (OCI)
Soft skills	Excellent verbal and written communication skills

PROJECTS

Autonomous IV Drip Monitor , Oracle   **Jan 2019 — Mar 2019**
Technologies used: Python, Java Database Connectivity (JDBC), Shell, Cloud, Oracle - ATP, RasPi, Arduino (Custom C++)
- Built a prototype system for IV drip level monitoring at a price < $100, improving upon existing models that cost several thousands
- Led the design and development of end-to-end data flow from live sensors to a transactional cloud database

Road accident live detection and recovery system (RedBox), Undergraduate Project   **Jan 2018 — Mar 2018**
Technologies used: Python, Shell, Cloud, RasPi, Arduino (Custom C++)
- Developed an independent unit that detects the severity & location of a vehicular accident and transmits information in real-time to emergency authorities
- Conducted unit tests on the prototype. Calibrated live sensors to detect the accident within approx. 3 seconds

PUBLICATIONS

1. **Ravishankar**, **A.** *et al.* A survey on noise reduction techniques in medical images. *IEEE Xplore* (2017).

AWARDS & HONORS

2020	Top 3rd/20 (**$50 spot award, Oracle Hackathon, Oracle**);
2020	Star of FY-2020 (**Oracle**)
2018	Best Innovate Project - Undergrad Project (**The department of Info Science, DSCE**)