

ARPITA BALI

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EDUCATION

Manipal Institute of Technology

Karnataka, India

B. TECH in COMPUTER SCIENCE ENGINEERING (CGPA: 8.28/10)

2012 – 2016

- Coursework: Data structures, Algorithms, Database management systems, Software engineering, Object oriented languages and principles

WORK EXPERIENCE

CenturyLink

Bengaluru, India

SOFTWARE DEVELOPER

June 2017 – Present (1 year and 11 months)

- Designed and developed migration of legacy monolithic architecture to next generation microservices architecture; reducing software maintainability cost by 30%
- Implemented a project – UCaaS, which is used by 450 Senate offices in all 50 US states and has landed CenturyLink a contract of roughly \$26 million
- Developed CenturyLink – SIMPLE, a product focussed on the small business telecommunications market which is used by 1.6 million small business customers across the US and has opened new revenue streams
- Recognised with 3 spot awards for showing accountability, ownership and driving customer experience for UCaaS and CenturyLink SIMPLE
- Optimized existing PL/SQL scripts, refactored code base and identified memory leaks, improving Hosted VoIP product effectiveness by 21%
- Designed automated test suites to ensure smooth software release into production without hindering business continuity
- Improved average time for defect fixes by implementing CI/CD pipelines in GitHub
- Provided knowledge transition to new team members and conducted trainings on project

Dell Software

Hyderabad, India

ASSOCIATE SOFTWARE DEVELOPER

August 2016 – February 2017 (7 months)

- Worked on enhancing Dell's data backup and disaster recovery solutions – Dell DR series
- Expanded customer market by developing an authentication system allowing UNIX systems to be integrated with Active directory environments; enabling customers using Windows OS to be able to use Dell DR application

ACADEMIC PROJECT

Content Based Image Retrieval (Prof. Manoj R)

Manipal Institute of Technology

UNDERGRADUATE RESEARCHER

January 2016 – May 2016 (5 months)

- Designed an image search engine using Python and OpenCV based on the theoretical application of colour histograms and chi squared distance to find similarity in images

Infosense Global

Gujarat, India

SUMMER RESEARCH INTERN

May 2015 – July 2015 (3 months)

- Developed an android application for a digital menu and food ordering system using Java, Android studio, SQLite and JSON as a part of undergraduate summer internship

SKILLS

Java, C, Microservices, Spring boot, RESTful web services, HTML, CSS, NodeJS, JavaScript, MongoDB, Hibernate, SQL, Oracle, Git, UNIX shell scripting

EXTRACURRICULAR ACTIVITIES

- Editorial head in the executive board of Manipal University's student entrepreneurship cell
- Actively trek in the Himalayas and contribute to a travel blog with travel guides and photographs at <https://medium.com/@baliarpita>
- Obtained basic proficiency from dept. of mountaineering of Gov. of Himachal Pradesh in water sports
- Taught swimming lessons for kids of my residential society in Bengaluru
- Volunteer with Large animal rescue centre of an NGO – CUPA in the outskirts of Bengaluru
- Received scholarship for higher education under Innovation in Science pursuit for Inspired Research