

AJAY S

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EDUCATION

- **BMS College of Engineering, Bangalore** Karnataka, India
B.E in Computer Science and Engineering; CGPA: 8.82/10.0 *August. 2015 – May. 2019*

EXPERIENCE

- **Oracle India Pvt Ltd** Bangalore, India
Senior Member of Technical Staff *June 2019 - Present*
 - Works on User Messaging Service component of Oracle SOA Suite, which is built on J2EE technologies and has extensive core Java code.
 - **ARCAT Tool** : Part of an in-house, self-contained tool development team targeted to aid in root cause identification of an issue occurring in an FA environment.
 - **ARCAT Analytics** : Built a live, interactive analytics dashboard to display the reporting statistics with a variety of filtering options. Tech : ADF, JSF, JPA
- **Nokia R&D Centre** Bangalore, India
Trainee Engineer *January 2019 - May 2019*
 - Developing algorithms and models to identify patterns in the ALARM data set to reduce manual intervention of troubleshooting critical issues.
 - Cleaning and validating data to ensure accuracy, completeness and uniformity.
- **ONGC Mangalore Petrochemicals Ltd** Mangalore, India
Project Trainee *June 2017 - July 2017*
 - **Research** : My study was primarily focused on finding a solution to detect pipeline cracking.
 - Surveyed the common crack causes, flaws of existing detection techniques and proposed a low-cost ML based IoT system, to detect cracks based on data from the sensors.
- **Wizroots Technologies Pvt Ltd** Bangalore, India
Software Intern *May 2017 - June 2017*
 - Developed and deployed an admin portal, to easily manage and track employee profiles and the various resources assigned to them.
 - **Tech** : HTML, CSS, Express.js, mysql

PROJECTS

- **News Application (NLP, Clustering, Web Scraping, Research Project, Django)**: A backend application which collects and displays news articles from various sources. Integrated ML, NLP models to summarize news articles and prevent article repetition. Explored use case studies for news extraction, abstractive summarization, word embedding, and accuracy.
- **Automated Attendance System using Facial Recognition (Machine Learning, Research Project)**: Built a proxy-free automated attendance system using advanced ML algorithms. Examined use case studies for accuracy, response time, and proxy elimination using blink detection.
- **Smart Cradle (IOT)**: Built a smart, automatic cradle that reduces the need for constant human monitoring of an infant. It is equipped with sensors and performs tasks like swinging the cradle or notifying the caretaker based on event criticality.
- **V Forum (Android Studio, Java)**: An online interactive mobile application discussion app where people can hold conversations in the form of posted messages.

ACHIEVEMENTS AND VOLUNTEER EXPERIENCE

- Oracle Assimilator Award Winner FY20.
- Presented a Paper Titled “Automated Attendance System Using Facial Recognition” at National Conference on Big Data, Internet of Things, Cloud and Security (NCBICS-2019).
- Member of Oracle Volunteer India Team. Undertake activities to support nonprofit organizations and sustainability.
- Worked as Technical Consultant for a startup (Newsbriefs).