

# Ojas Agashe

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## EDUCATION

### Master of Engineering, Computer Science Cornell University

Aug 2021 — May 2022  
Ithaca, NY

- Relevant Coursework: Machine Learning, Database Systems, Natural Language Processing, Crowdsourcing & Human Computation

### Bachelor of Technology, Computer & Communication

Aug 2014 — Jun 2018

Manipal Institute Of Technology, India

GPA - 8.94/10

- Relevant Coursework: Data Structures, Fundamentals of Algorithm Analysis and Design, Object Oriented Programming, Software design principles

## TECHNICAL SKILLS

### Certifications

Oracle Professional Certification : Java SE 11 Developer ([link](#))

### Languages & Frameworks

Java, Python, Ruby, JavaScript, Spring Boot, Ruby on Rails, JUnit, Mockito, React Js

### Tools & Technologies

Git, Postgres, MySQL, Liquibase, Elasticsearch, Docker

### Cloud

AWS (Basic), Azure(Basic)

## EXPERIENCE

### Oracle - Construction & Engineering Unit (CEGBU)

Bangalore, India

### Application Engineer -IC2 Technologies : [ Spring Boot, Elasticsearch, Docker, Postgres, Gradle, Jenkins ]

Mar 2021 — Jun 2021

- Developed RESTful web service that helped **overcome competition and finalize 5+ contracts in the US market.**
- Designed and developed a **POC for weather service** for fetching and storing weather data through multiple data providers.
- Created standardized code review documentation which helped streamline the process and **reduced review time by 40%**
- **Mentor and technical point of contact** for new hires in the team.

### Application Developer - IC1 [ Spring Boot, Ruby on rails, AngularJS and AWS (EC2, S3, RDS, SQS )

Jun 2018 — Feb 2021

- Designed and implemented APIs, Data models.
- Identified and improved API and page load times by fine tuning entity relations and API contracts.
- Collaborated with UI developers, UX designers and product managers keeping in mind the **end-user experience.**
- Worked on improving stability of the application by **improving code coverage by 30%** through Junit tests.
- Planned and implemented multiple compliance and regulatory requirements for different components like **user password upgrade and rotation, subscriptions and basic accessibility for 65k+ active users.**

### Oracle - Retail Unit

Bangalore, India

### Project Intern [ OpenScript automation, java, SVN ]

Jan 2018 — May 2018

- Developed automation scripts and test suites to identify defects and bottlenecks which ensured product stability and performance.
- Built internal tool to parse customer bug reports and create CSV test data bank, saving teams' **25+ man hours per week**

## PROJECTS

### Catalyzed.org ([live in development](#)) [ SpringBoot, ReactJs, MySQL, Liquibase, AWS (EB), Git ]

Feb 2021 — Present

- Building a platform for streamlining Educational not-for-profit organizations' operations and widening their outreach to students.
- **Leading and mentoring a team of 2 developers** with regular check-ins and planning sessions.
- Collaborating with professional educators for feedback on functionality and usability of the platform.

### Smart Greenhouse System - IOT project

Oct 2017 — Dec 2017

- Developed a Greenhouse system with monitoring, reporting and automation modules.
- Used **Arduino microcontrollers along with DHT11 sensors** for the monitoring and data capture modules.
- Built a **Desktop application to analyze the collected data and send out SMS notifications** when anomalies are detected
- Built a module to automate processes like irrigation and lighting through connected water pumps and lights.

### Pet-Welt, Windows Phone Application [ C#, Bing Maps API, Visual Studio and Microsoft Azure services ]

Oct 2018 — Dec 2018

- Developed a Windows phone App which provides services to pet owners like Pet Nanny, find pet friendly places, find veterinary hospitals, maintain medical records and provides a platform to connect with the pet community.

## CERTIFICATION & AWARDS

- **Level Up Recognition** for contribution towards delivering business crucial software in limited time frame.
- **Awarded certificate of merit** for academic performance (9.27/10 GPA) during junior year in undergrad.

Mar 2021

Oct 2017