

# Ajinkya Tupkar Jain

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## Education

Indian Institute of Technology Gandhinagar

GANDHINAGAR, GUJARAT, INDIA

**Bachelor of Technology (B.Tech.) in Electrical Engineering with Minor in Computer Science And Engineering,**

*Percentage: 83.6%*

*July '12 – May '16*

St. Arnold's Hr. Sec. School

INDORE, MP, INDIA

**Senior Secondary (AISSCE, CBSE), Percentage: 91%**

*April '11*

**Secondary (AISSE, CBSE), Percentage: 92%**

*April '09*

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## Experience

**Software Engineer**

**Optum, A UnitedHealth Group Company**

**Optum Provisioning**

*October '16 – Jan '18*

- Handled end to end development for the product responsible for role based provisioning across the organization.
- Worked on latest tech stack including Spring Boot, Angular 4, Maven, Redis, SQL, Tomcat, Wildfly, JSF.
- Actively participated in transition of dev-ops activities from XL Deployments to Jenkins Pipelines. Worked with OpenShift deployments and ELK stack for Logging.
- Actively involved in the development of next generation UI for the product. Worked on Angular 4 for UI, Spring Boot for MicroServices and Zuul implementation for authorization gateway.
- Performed regular testing and wrote automated tests for UI using Selenium framework. Worked on performance testing of APIs using JMeter and New Relic.
- Actively involved with end-to-end deployment activities till production of Angular UI.
- Received a performance award for Redis implementation.

**Federated Data Storage**

*Jan '18 – June '18*

- Worked on product enhancements to accommodate customer requirements.
- Created apis and hook based workflows on the apis to trigger processes based on api calls.
- Worked on a diverse tech stack including MongoDB, RabbitMQ, OpenOffice, MySQL.
- Received a performance award for timely delivery in a very tight deadline.

**Identity Matching Solutions**

*June '18 – Present*

- Working on migration of product from BDPaaS to public cloud (AWS).
  - Working on Big Data tech stack including Hadoop, Hbase, HDFS, Elastic Search, MapReduce, terraform and Kubernetes.
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## Selected Projects

**Appointment Scheduler**

*Optum Global Hackathon - 2017*

- Used Machine Learning algorithms to predict No-show of a patient for an appointment.
- Used the prediction to overbook and schedule the appointments.

**Telemedicine Platform using Blockchain**

*Optum Global Hackathon - 2018*

- Developed a blockchain based telemedicine platform.
  - Provided an option of 2nd opinion and deducted fee accordingly.
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## Additional Activities

• Hackathon Enthusiast

Winner under Machine Learning category for Optum Global Hackathon 2017, participated in the 2018 hackathon.

• Convener, Student Senate (IIT Gandhinagar, 2015-16)

Elected representative solely responsible for the day to day activities of the Student Senate.

• Student Coordinator, Career Development Services (Placement Office)(IIT Gandhinagar, 2015-16)

Worked as a student coordinator to invite companies and institutes for internships and placements.