

# RAJAT GOGNA

## SOFTWARE DEVELOPER | SOFTWARE ENGINEER

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### SUMMARY

I am a Master's student at Trinity College Dublin, & have 3 years of proven experience in software development. I commit to design & develop web-apps engineered for excellence. Primarily experienced in Java, SQL & ReactJS, I wish to apply my strong analytical & technical skills, to deliver reliable, feature-rich, & user-friendly web applications

### SKILLS

- Java | Spring Boot | Hibernate | Python | JavaScript (ES6) | ReactJS | HTML | CSS | Tomcat | RabbitMQ | Microservices | REST | SQL | PL/SQL | NoSQL | Oracle | Maven | Agile | DevOps | Continuous Integration (CI) | Continuous Delivery (CD) | Test Driven Development (TDD) | Extreme Programming | Git | Multithreading | Database Management | Kafka | Redux |
- Communication | Problem Solving | Teamwork | Strategic Planning | Time Management |

### WORK EXPERIENCE

#### SYSTEMS ENGINEER, TATA CONSULTANCY SERVICES | (September 2018 – July 2019)

- Liaised with managers to **translate business needs into feasible technical solutions**, & propose **process improvements**
- Saved >\$100k** of immediate system overhaul costs by proposing & developing new **REST API** endpoints for enhancing a legacy application, as per changing business needs
- Revamped inventory management, & shipment modules of an application to **optimize** order management
- Eliminated human error, & slashed efforts by 90%**, by automating analysis & restructuring of unstructured, erroneous data
- Ranked first** in the annual evaluation conducted for TCS-AbbVie team

#### ASSISTANT SYSTEMS ENGINEER, TATA CONSULTANCY SERVICES | (September 2016 – August 2018)

- Proposed & implemented automation** of routine data migration activities, **improving efficiency by 50%**
- Developed bug fixes & system enhancements using various technologies – **Java, ReactJS, PL/SQL, Python**
- Slashed manual effort by 95%** (60 mins to ~3 mins) for a monitor & alert activity through automation
- Created fail-safe & self-healing jobs **using shell & SQL scripts**, to ensure system continuity in high availability research labs
- Earned the title: "**Star of Learners Group**" for graduating top of the class in the company's learning program
- Mentored 2 batches of ~100 associates each on soft skills, Object-Oriented Programming (OOP), & software development frameworks - Agile & SDLC

### EDUCATION

#### MSc. Computer Science, Trinity College Dublin, University of Dublin | (September 2019 – Ongoing)

- Developed a scalable, offline-first, web-app, using **Python (Django) & Angular**, following **DevOps practices & tools**
- Learned core workings of **machine learning algorithms, & techniques to optimize them**
- Developed a prototype for a Body Area Networking protocol using **AWS Lambda**, & other cloud resources
- Created multiple **interactive & dynamic visualization dashboards** as part of the data visualization module

#### Bachelor of Technology, Manav Rachna International University | (July 2012 – August 2016)

- Scholarship holder**
- Being a **founding member** of the Innovation & Incubation Center (IIC), **garnered exceptional leadership skills**
- Semi-finalist inter-college group discussion event with >2500 participants from top universities of India
- Working on cross-disciplinary projects with students from different fields of engineering, I **took home the values of teamwork & team-building**

### CERTIFICATIONS

- |  |   |   |
|--|---|---|
| • <b>Spring Boot 2.0 Essential Training</b><br>LinkedIn Learning | • <b>R Programming</b><br>Coursera - Johns Hopkins University | • <b>Applied Machine Learning in Python</b><br>Coursera - University of Michigan  |
| • <b>ReactJS - Essential Training</b><br>LinkedIn Learning       | • <b>ITIL Foundation</b><br>Peoplecert                        | • <b>Quality Practitioner Associate Plus</b><br>American Society of Quality (ASQ) |

### MOST PROUD OF

- Consistent Performance** recognized through various awards & accolades; "Technical Excellence" & "Star of the Month"
- With Persistence & Determination**, I became the youngest developer to own the biggest enterprise application in our team
- High Adaptability, & quick Learnability**, I exhibited, while learning niche technologies required in new project proposals