

**Gireesh Singh Thakurathi** | Jersey City, NJ, 07307

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## INTERNSHIP OFFER: AMAZON SOFTWARE DEVELOPMENT ENGINEER INTERN SUMMER 2020

### WORK EXPERIENCE

#### **Software Engineer - JP Morgan Chase. Mumbai, India - 07/2017 - 07/2019**

- Worked on (B2B) Trade Processing System providing corporates with financial solutions like Letter of credit & payments.
- Full stack development of products like SWIFT, invoice, billing, iRecs & tracers used by 1000+ clients on a daily basis.
- Implemented reclass, migration, report & doc generation(thunderhead) utilities that were vital for the operations team.
- Created spring, mule batch jobs & automated their execution based on filters like region, time, cost using Autosys JIL.
- Enhanced spring batch jobs by 85% by multithreading existing jobs, remodelling, eliminating overheads & dead code.
- Provided production stability & maintenance during application release & fixed post-release bugs in live environment.
- Contributed in storyboarding, sprint planning, kanban, product backlog refinement and retrospective meets.
- Tech Stack: Google Web Toolkit, Java, Spring, Hibernate, REST, SOAP, Mule ESB, MQ, JMS, JUnit, Cucumber, Gherkin

#### **Data Wrangling Summer Industrial Trainee - ONGC. Mumbai, India, 06/2017 - 07/2017**

- Drew key insights from 10 yr revenue streams to evaluate & visualize trends after cleaning, transforming, reducing data.
- Deployed the web app to display desired data from DB based on the revenue stream, service type, location, profit/loss.
- Tech Stack: Pandas, Numpy, Matplot, MongoDB, Jupyter notebook, HTML, CSS, PHP, JDBC.

#### **Website Developer - The Institution Of Engineers India (IEI). Mumbai, India - 11/2016 - 02/2017**

- Designed, created, hosted and supported IEI website used by 1000+ users and 10+ admins for 3 months.
- Facilitated account creation, event registration, online payment (via Razorpay) and advertisement updates by sponsors.
- Tech Stack: Bootstrap, Twilio, Razorpay payment gateway, Javascript, jquery, PHP, phpMyAdmin, HTML, CSS.

#### **Teaching Assistant - Stevens Institute of Technology. Hoboken, NJ, USA - 01/2020 - Present**

- Helping 150+ students use GitLab for projects, checking assignments, midterms & holding office hours.

**HACKATHON: CodeForGood 2016:** Shortlisted in top 20 from 10+ universities for full-time job offer at JP Morgan.

### SKILLS, SCORES AND RESEARCH - Standardised Test Scores: GRE: 321/340; TOEFL: 116/120

- **Languages:** Java, C, Python, JIL, gherkin, SQL, PHP, JS, HTML, CSS, JSON, XML, Drools
- **Framework:** Spring, Hibernate, Maven, MVC, GoogleWebToolkit, JUnit, Cucumber, Rest, MaterializeCSS, Bootstrap
- **Misc:** Mule ESB, Git, JMS, Eclipse, IBM Websphere, BDD, Google Analytics, Oracle 11g, HSql, Sonar, Jenkins, Jira
- **Research Paper:** 3D scene retrieval from Text (International Journal of Research in Emerging Science & Technology)

### EDUCATION

**Stevens Institute Of Technology: MS CS:** CGPA- 3.67: Masters Fellowship - 20,000 USD: Expected:Dec 2020

- **Courses:** Advanced Algorithm Design &Implementation, Database- 2, Data on Web, Project Management, IT strategy

### PROJECTS

- **Text to 3D Scene (NLP):** Converted descriptive text into 3D scene using Java, Python, Stanford CoreNLP, Blender.
- **Query Processor:** Created an efficient query processor to execute ESQl consisting of "such that" clause.
- **Trie Search Engine:** Used Jsoup for scraping web pages and created the front end UI using Java Swing.
- **Bluepolymath.com:** Personal website hosted and created using MaterializeCSS framework, Javascript, HTML and PHP.
- **Make-a-wish(JP Morgan's ForceForGood):** Created a cross-platform application to help terminally ill children.
- **WebRTC:** Created P2P chat using Google WebRTC (Real-Time Communication) & PeerJS for healthcare startup.

### EXTRACURRICULARS ACTIVITIES

- **University Focus Team:** Represented JP Morgan and coordinated with 10+ universities for hiring recent graduates
- **Evidyaloka:** As a UN content developer, designed Grade 8 Math syllabus, helping 20,000 children of rural India per yr
- **Akanksha:** Taught English, maths to 120, drafted question papers, graded tests & organized school events for 1 yr