Gireesh Singh Thakurathi · Jersey City, NJ, 07307 · 551-260-0504

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EXPERIENCE

- **Amazon** · SDE Summer Intern · Seattle, Washington   06/2020 - 08/2020
  - Designed the application architecture, database, data polling & UI for production data
  - Tech Stack: Ruby, Rails, Git, Vim, Amazon S3, Amazon EC2, DynamoDB
- **JP Morgan Chase** · Software Engineer · Mumbai, India   07/2017 - 07/2019
  - Worked on B2B Trade System creating products used by 1000+ corporate clients daily
  - Created spring, mule batch jobs & automated their execution based using Autosys JIL
  - Enhanced batch jobs by 85% multithreading old jobs, remodelling & eliminating dead code
  - Provided production stability & maintenance during release & fixed post-release bugs
  - Tech Stack: Java, Spring, Hibernate, GWT, REST, SOAP, Mule, MQ, JMS, JUnit, Cucumber
- **Oil & Natural Gas Corp** · Summer Industrial Trainee · Mumbai, India   06/2017 - 07/2017
  - Deployed web app to display data based on the revenues, service type, location & profits
  - Tech Stack: Pandas, Numpy, Matplot, MongoDB, Jupyter notebook, HTML, CSS, PHP, JDBC
- **Institute of Engineers India** · Website Developer · Mumbai, India   11/2016 - 02/2017
  - Designed, created & supported IEI website used by 1000+ users and 10+ admins
  - Tech Stack: Bootstrap, Twilio, Razorpay payment, JS, jquery, PHP, mySQL, HTML, CSS

TEACHING ASSISTANT: Stevens Institute of Technology · Hoboken, New Jersey   01/2020 - 05/2020

- Served as a TA for Software Development Process (CS-347) & held office hours
- Helped 150+ students use GitLab for projects. Graded assignments, midterms & finals

HACKATHON: CodeForGood 2016: Top 20 from 10+ universities for full-time job at JP Morgan

EDUCATION

- Stevens Institute Of Technology: MS: Computer Science, CGPA- 3.67   Expected: May 2021
- Mumbai University: BE: Computer Engineering, GPA - 8.4/10   2017

SKILLS, SCORES AND RESEARCH

- Languages: Java, C, Python, Javascript, Ruby, JIL, gherkin, SQL, PHP, JS, HTML, CSS, Drools
- Framework: Rails, React, Spring, GoogleWebToolkit, JUnit, Cucumber, MaterializeCSS, Bootstrap
- Misc: MongoDB, DynamoDB, Oracle 11g, Mule, Git, JMS, Eclipse, BDD, REST, Jenkins, Jira
- Standardised Test Scores: GRE: 321/340; TOEFL: 116/120
- Research Paper: 3D scene retrieval from Text

PROJECTS

- Text to 3D Scene (NLP): Conversion to 3D scene using Java, Python, Stanford CoreNLP, Blender
- Bluepolymath.com: MaterializeCSS framework, Javascript, HTML and PHP
- Make-a-wish(JP Morgan's ForceForGood): Cross-platform app to help terminally ill children
- Query Processor: Created query processor to execute ESQL consisting of "such that" clause
- Trie Search Engine: Jsoup for scraping web pages and Trie Data Structure to store & rank them

ACTIVITIES & AWARDS

- Masters Fellowship Award: 20,000 USD from Stevens Institute of Technology
- JP Morgan Chase: Represented JP Morgan at 10+ universities for hiring new grads
- Evidyaloka: Designed Grade 8 Math syllabus, helping 20k children of rural India per year
- Akanksha: Taught English, maths to 120 students & organized school events