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INCOMING AMAZON SOFTWARE DEVELOPMENT ENGINEER INTERN SUMMER 2020
ASSISTANTSHIP: Assisting Prof. Peyrovian Reza with "Software Development Process" for Spring 2020

WORK EXPERIENCE

Software Engineer - JP Morgan Chase. Mumbai, India - 07/2017 - 07/2019
- 40% reduction in production defects on 6 major releases and provided support during and post application release.
- 85% spring batch job enhancement by multithreading existing jobs, remodelling, eliminating overheads & dead code.
- 1000+ corporate clients served by full stack development of SWIFT, invoices, billing, iRecs & tracers used on a daily basis.
- 50+ spring, mule batch job created & automated their execution based on filters like region, time, cost using Autosys JIL.
- Worked on B2B Trade Processing System providing financial solutions like Letter of credit, SBLC, ELC, ILC & payments.
- Implemented reclass, migration, report & doc generation utilities that were vital for internal use by operations team.
- 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
- 600+ employees assisted by web app displaying data based on the revenue stream, service type, location, profit/loss.
- 10 yr revenue streams used to draw insights to evaluate & visualize trends after cleaning, transforming, reducing data.
- 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
- 1000+ users &10+ admins facilitated by designing, developing, hosting and supporting IEI website for 3 months.
- Featured 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.

EDUCATION

Stevens Institute Of Technology: MS CS: CGPA- 3.67: Masters Fellowship Award- 20,000 USD   Dec 2020
- **Courses**: Advanced Algorithm Design &Implementation, Database Management Systems- 2, Project Management, Agile
Mumbai University: Bachelor of Engineering in Computer Engineering: CGPA- 8.4/10: Mumbai, India   2017
- **Courses**: Object-Oriented Programming, Structured Programming Approach, Data Structures, OS, Web Technology

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, 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)

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