

EDUCATION

- Stevens Institute Of Technology: MS: Computer Science, CGPA- 3.75/4 Expected: May 2021
 - Advanced Algorithms, Advanced Databases, Data on web, Data Mining, Project Management
 - Mumbai University: BE: Computer Engineering, GPA - 8.4/10 2017
 - Data Structures, Discrete Structures, Computer Networks, Cryptography, Object Oriented Program

EXPERIENCE

- **Amazon Web Services** | Software Developer Intern | Seattle, Washington 06/2020 - 08/2020
 - Worked on AWS EC2 Credential Management System which handles all accesses to EC2 instances
 - Designed the application architecture, database schema, polling mechanism & dynamic UI
 - 15% reduction in user tickets by resolving authentication issues before customer access
 - 70% defect resolution time saved. Accessed production encrypted data via temporary credentials
 - **JP Morgan Chase** | Software Engineer | Mumbai, India 07/2017 - 07/2019
 - Worked on B2B Trade Processing System creating products used by 1000+ corporate clients
 - 30% increase in project revenue by analysing user payments and detecting anomalies & fraud
 - 45% reduction in execution time of legacy service by modernizing existing code to microservices
 - 85% optimization of batch jobs by multithreading old jobs, remodelling & eliminating dead code
 - 80% backend testing reduced using BDD for 200+ devs using Cucumber, JMS and in-memory DB
 - **Oil & Natural Gas Corp** | Summer Industrial Trainee | Mumbai, India 06/2017 - 07/2017
 - Deployed web app to display key insights based on the revenues, service type, location & profits
 - Drew key insights from revenue streams using Pandas and Numpy to evaluate & visualize trends
 - **Institute of Engineers India** | Website Developer | Mumbai, India 02/2016 - 02/2017
 - Designed, created, hosted & supported IEI website for 1000+ users and 10+ admins
 - Facilitated account creation, event registration, online payment and advertisement updates

TEACHING ASSISTANT

- **Stevens Institute of Technology** | Hoboken, NJ 01/2020 - Present
 - Helping 150+ students use GitLab to create projects for Software Development and Data Structures
 - Grading assignments, midterms, finals and holding weekly office hours

SKILLS AND RESEARCH

- Languages: Java, C, Python, Git, Javascript, Ruby, JIL, gherkin, SQL, PHP, HAML, JS, HTML, CSS, Drools
 - Framework: Rails, React, Ionic, Spring, Hibernate, GWT, JUnit, Cucumber, MaterializeCSS, Bootstrap
 - Databases: Oracle11g, PostgreSQL, MongoDB, DynamoDB, H2 DB, MySQL
 - Tools: JIRA, Jenkins, Hadoop, Spark, Kafka, IBM MQ, Docker, Kubernetes, JMS, Mule, AWS S3, EC2, Lambda

PROJECTS

- Text to 3D Scene (NLP): Converted user input text to 3D scene using Python, Stanford CoreNLP & Blender
 - Bluepolymath.com: Created personal website using MaterializeCSS, Javascript, HTML, PHP
 - Make-a-wish(JP Morgan's ForceForGood): Created cross-platform Ionic app to help terminally ill children
 - Query Processor: Created query processor to execute ESQL queries consisting of "such that" clause

ACTIVITIES & AWARDS

- The Essential Theatre: Member of the Community Advisory Board. Planning events, finance and projects
 - Hire Heroes USA: Mentor and career counsellor. Helping US veterans prepare for interviews & land jobs
 - CodeForGood 2016: Top 20 in national hackathon. Got full-time job at JP Morgan Chase in 24 hrs