RISHABH MITTAL

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Education

Master of Science, **Computer Science and Engineering**   *Expected Apr 2023*
University of California - San Diego – La Jolla, CA   *Current GPA 3.67*
Courses: Algorithms, Probabilistic Reasoning in AI, Computer Networks

Bachelor of Technology, **Computer Science and Engineering**   *Graduated 2019*
VIT University – Vellore, Tamil Nadu, India   *with CGPA 8.77*
Courses: Data Structures, Operating Systems, Machine Learning, HCI

Professional Experience

Microsoft – Project Manager   *(26 mo.) Jul 2019 to Aug 2021*
at Hyderabad, TS (Ref: Preeti Sharma +91 9100951681)
- Managed teams of consultants and architects to deliver 25+ technical projects in which I was accountable for tracking costs, schedule, stakeholder relationships and risks
- Developed a framework using Microsoft's Power Platform to track 50+ key business metrics of Microsoft IGD effectively, and improve compliance across the domain
- Acquired AZ900 and CAPM Certifications, and mentored 10+ new hires with onboarding

Fiverr – Software Developer - Freelancer   *(18 mo.) Apr 2020 to Aug 2021*
profile link: fiverr.com/carter904
- Migrated on-prem applications to AWS cloud infra, reducing operational costs significantly
- Deployed APIs to AWS EC2 with Elastic IP and CloudWatch alarms for minimum downtime
- Developed Node.JS API, React UI, PHP Scripts, Jira Administration and Automation Rules
- Increased efficiency of database access via implementation of write locks in MySQL
- Reduced runtime of PHP scripts by almost 30% via concurrent cron jobs

CDC Labs – Software Engineer – Remote Intern   *(8 mo.) Dec 2017 to Jul 2018*
worked remotely (Ref: Rahul Garg +91 8130458150)
- Interned as a MEAN Stack Developer (MongoDB, Express, Angular, Node.js)
- Developed a freight aggregator & management solution with features like online bookings, trajectory recording, Geofencing, Multi Factor Authentication via text OTP etc.
- Deployed Backend APIs using AWS CodePipelines and CloudFront for maximum availability

Technical Skills

Programming: C++, Python Scripting, Node.JS, React.JS, Swift, SQL, PHP, Javascript
Cloud & Tools: AWS, MS Azure, Git, Docker, MongoDB, Redis, Nginx, Linux, XCode, Jira

Projects

- **Baymax (Epidemic Outbreak and Disease Predictor)**:
  - Full Stack App to predict diseases and potential outbreaks based on symptoms and location of user, using Apriori Algorithm.
  - Developed in Code2Create by ACM, VIT. Winner of Healthcare Track.
- **Braille Script (Accessibility App for Visually Challenged)**:
  - Replica of a physical braille typewriter to type the English alphabet using multi-touch combination of 6 keys, with speech output for feedback and assistance.

Awards and Honors

Making it Better Award by Microsoft IGD   Apr 2021
Services Practice Leader's Award by Microsoft IGD   Jan 2020
Student Special Achiever Award by Vellore Institute of Technology   Mar 2018
Best UI Award, Dev Fest by Google Developers Group – VIT Students Chapter   Sep 2017

Leadership and Volunteer Experience

Fellowship at Make A Difference – NGO, Bengaluru, KA   May 2018 to Apr 2019
Chairperson of Apple Developers Group - Students Chapter – VIT   May 2017 to Apr 2018