VIVEK BHAT

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https://vivekbhat.me

SOFTWARE DEVELOPMENT ENGINEER

AWS Certified Developer and Solutions Architect with experience designing, developing and deploying solutions for clients in an Agile environment. Demonstrated design and delivery of end to end complex AI solutions to clients in the Cloud. Collaborative communicator adept at working with internal and external cross-functional teams to drive various initiatives. Adept at rapid prototyping for fast turnaround times in POC's

CORE TECHNICAL COMPETENCIES

PROGRAMMING	TypeScript, Angular, Java, JavaScript, Ansible, Python, Flask, NodeJS, HTML5, CSS, Bootstrap
DATABASES	MySQL, MariaDB, AWS Aurora DB, DynamoDB, Redis, Memcache, Postgres SQL
TOOLS & UTILITIES	AWS, Rally, Git, GitLab, Github, Docker, Elasticsearch, Logstash, Kibana, Maven
OPERATING SYSTEMS	Mac OS, Windows, Ubuntu, CentOS, Kali, Mint, Zorin

EDUCATION

Master of Science in Computer Science - North Carolina State University**,** Raleigh, NC, USA
Bachelor of Technology - Jamia Millia University**,** New Delhi, India

EXPERIENCE

INTEL – Hillsboro, Oregon   **Oct 2018 - present**

Software Development Engineer, Corporate Data Office

Working in a fast-paced agile team at Intel to productize, develop and deliver business solutions

Project: Retail Promotion Analytics (RPA)
Full Stack Development
- Lead and mentored a team of interns, contract workers and full-time employees of an Angular based app that predicts top 3 promotions that a retailer should run to maximize profits.
- Product was delivered before time even though the scope was increased by 25% during iteration
- Used AWS API Gateway to expose our Flask App running in AWS ECS Fargate and authenticated using AWS Cognito
- Lambda function with layers were used to connect to various AWS services and run multiple stored procedures

INTEL – Cary, North Carolina   **Jan 2018 – Oct 2018**

Was part of the Professional Services team that developed and delivered AI solutions to multiple customers

Software Development
- Developed API's in Java and Python to facilitate REST querying and processing, enabling concurrency and faster results in client environments with quick POCs
- Automated the process of conventional installation by creating a pipeline using Ansible, Docker, Docker Swarm and Bash scripting which reduced the installation time by 50% and removed any margin of human error

Project Owner, Centralized Logging with Elastic stack
- Developed new logging mechanism to visualize logs using Elastic stack to monitor and get logs from worker nodes
- Removed the NFS mounting of log directories to achieve a centralized logging system which in turn reduced network latency by 50%.

INTEL, SDE Summer Internship – Cary, North Carolina   **May 2017 – Aug 2017**

As an intern, built Intel Saffron's Java REST API encapsulating unique security protocols and complex API classification and recommendation, leveraging AI product and reducing the time to POC's. The tool enabled 10x faster API calls and space creation and provided simpler and easy to use rest API calls for the client user

ADDITIONAL PROJECTS

https://vivekbhat.me, uses Angular 9, GitHub Actions for CI/CD, Karma for testing
Personal portfolio/website with Angular 9 and GitHub action with CI/CD for testing, building and deploying the application

LEADERSHIP AND VOLUNTEER SERVICE

- Organized multiple socio-cultural events at Intel and was board member of multiple Employee Resource Groups
- President of IEEE JMI Student Branch and IEEE JMI Computer Society (2015-2016)
- Dr J. K. Pal Memorial Award for the IEEE Best Student member 2016 from IEEE Delhi Section