AMEYA VINAY APTE

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EDUCATION

Northeastern University   Boston, MA
Master of Science in Information Systems, GPA: 3.84/4.00   Expected May 2024
Courses: Cloud Computing, Database Design and Management, Application Development, Data Science

Veermata Jijabai Technological Institute (VJTI)   Mumbai, India
Bachelor of Technology in Electronics and Telecommunication Engineering, GPA: 8.55/10.00   Aug 2017 – May 2021
Courses: Java Programming, Pattern Recognition, Blockchain Technology, Image Processing, Statistics

SKILLS

- **Programming Languages:** Java, Python, JavaScript, SQL, HTML, CSS
- **Databases:** MySQL, MS SQL Server, PostgreSQL, DynamoDB, MongoDB
- **Cloud:** AWS (EC2, VPC, RDS, S3, DynamoDB, CloudWatch, Lambda)**,** Terraform, Packer, CI/CD, Linux, Shell Scripting
- **Technologies and Frameworks:** Spring Boot, GitHub, Tableau, Power BI, Postman, MS Excel, MS Visio
- **Others:** Object Oriented Programming, RESTful APIs, Machine Learning, React.js, Express.js, Node.js, Docker, Kubernetes

PROFESSIONAL EXPERIENCE

PricewaterhouseCoopers (PwC) India   Mumbai, India
Associate Technology Consultant – Financial Services   Jul 2021 – Jul 2022
- Managed individual project priorities, deadlines and successfully delivered 30+ microservices using Spring Boot and DynamoDB as a part of on-premise to cloud API migration
- Executed full software development life cycle for delivering 30+ microservices
- Improved the modularity and scalability of endpoints by 80% utilizing multi-module maven project approach
- Worked in distributed team environment to build sync and async APIs with JavaScript in sandbox server of process orchestrator tool
- Collaborated cross-functionally with core banking and CRM teams to perform API orchestration and POC implementation
- Devised 100+ business rules for Unit Linked Insurance Plans by making use of Spring Expression Language
- Managed technical documentation such as system documentation, training materials, processes and procedures
- Created Visio diagrams for infrastructure platforms as part of interface documents
- Assisted 5 member panel in talent acquisition and mentored junior engineers in support of project goals

Wellness Forever Medicare Pvt. Ltd.   Mumbai, India
Information Architect Intern – Information Technology, Data and Analytics   May 2020 – Jul 2020
- Conducted end-to-end testing for hyperlocal delivery model
- Pitched efficient solutions to automate reconciliation process
- Facilitated client acquisition to execute Artificial Intelligence-based solutions for e-commerce platform

PROJECTS

Cloud-Native Inventory Management (Java, Spring Boot, MySQL, AWS, Terraform, Packer, CI/CD, DNS)   Jan 2023 – Present
- Developed a web app using Spring Boot and MySQL with Object-relational mapping (ORM) framework
- Leveraged CI/CD (GitHub Actions) to build custom Amazon Machine Image (AMI) with Packer
- Implemented Infrastructure as Code with Terraform to provision VPC, Subnets, Autoscaling group, Load balancer, RDS, S3, IAM
- Deployed the app on AWS EC2 and incorporated autoscaling and load balancing

E-Commerce Management System (MySQL, MySQL Workbench, Tableau)   Jan 2023 – Present
- Designed ER Model in MySQL Workbench to forward engineer the logical structure into SQL script
- Performed normalisation, implemented check constraints and added triggers, stored procedures, views and functions on 11 tables
- Visualised best-selling products, product profit and current inventory status using Tableau

Job Recruitment and House Listings Application (Java Swing, MySQL)   Sept 2022 – Dec 2022
- Designed a clean GUI based multi-enterprise application with Java Swing to help students find jobs and rental properties
- Integrated real-time email notification, web-cam based image capture, open street maps API, business intelligence (BI) dashboard

NLP Based Text Analysis (Python, Scikit-Learn, TensorFlow, NumPy, Pandas, Spacy, SciPy)   Sept 2022 – Dec 2022
- Implemented text rank algorithm NetworkX to generate textual summary of biography and visualize similarity graph
- Performed semantic modelling on the text using K-medoids clustering with 90% accuracy