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: Networking & Cloud Computing, Database Design & Management, Application Development, Data Science, Web Design

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, Computer Architecture, Statistics, Computer Science, Software Engineering, Operating Systems

SKILLS

- **Programming Languages:** Java, Python, JavaScript, SQL, HTML5, CSS, R, MATLAB
- **Databases:** MySQL, MS SQL Server, PostgreSQL, DynamoDB, MongoDB
- **Cloud:** AWS (EC2, RDS, S3, CloudWatch, Lambda, Cognito), Terraform, Packer, DevOps, Shell Scripting, Docker, Kubernetes
- **Technologies and Frameworks:** Spring Boot, ReactJS, Tableau, Power BI, Jira, Microsoft Excel, Word, Visio, Linux
- **Others:** Problem solving, Data Structure & Algorithms, Object Oriented Design, Design Patterns, Troubleshooting, Product Design

PROFESSIONAL EXPERIENCE

PipeIQ   Palo Alto, CA
Software & Cloud Engineer Intern   Sept 2023 – Dec 2023
- Led team to migrate 15+ AWS Lambda's to Microservices for supporting multi-tenancy
- Leveraged Next.js to develop full stack product features and improve the customer experience and sales
- Used AWS cloud services to develop 10+ API's and worked on integration of ML engine into full stack application

PricewaterhouseCoopers (PwC) India   Mumbai, India
Associate Technology Consultant – Financial Services   Jul 2021 – Jul 2022
Project Management and Backend developer (Insurance Industry):
- Performed project prioritization and timeline management and successfully developed 30+ API's using Spring Boot and DynamoDB as a part of on-premise to cloud API migration
- Delivered 20+ microservices using full software development life cycle (SDLC) and agile methodology
- Managed project operations and presented reports to the stakeholders
- Improved the modularity and scalability of endpoints by 80% utilizing multi-module maven project approach
Data Engineer (Private Bank):
- Worked in distributed team environment to build sync and async APIs with JavaScript in sandbox server of process orchestrator tool
- Performed ETL and built data pipeline to integrate core banking and CRM systems thereby improving system efficiency by 85%
- 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

Wellness Forever Medicare Pvt. Ltd.   Mumbai, India
Business Analyst Intern – Information Technology, Data and Analytical Development   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 – Apr 2023
- 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 EC2, VPC, RDS, S3, IAM, load balancer & other resources

E-Commerce Management System (Java Swing, MySQL, Tableau, Data Visualization)   Sept 2022 – Dec 2023
- Designed a clean UI based multi-enterprise application with Java Swing
- Performed normalization, implemented check constraints and added triggers, stored procedures, views and functions on 11 tables
- Integrated real-time email notification, web-cam based image capture, open street maps API, business intelligence (BI) dashboard