AMEYA VINAY APTE

Boston, MA | apte.ame@northeastern.edu | (857) 200-4826 | https://github.com/apte-ame | https://www.linkedin.com/in/ameya-apte

EDUCATION

Northeastern University   Boston, MA
Master of Science in Information Systems, GPA: 3.87/4.00   Expected Aug 2024
Courses: Networking & Cloud Computing, Database Design, Application Development, Big Data Engineering, UI/UX & Testing

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: Object Oriented Design, Operating Systems, Blockchain, Computer Science, Software Engineering, Statistics, Data Science

CERTIFICATION

AWS Certified Solutions Architect Associate | Amazon Web Services   Mar 2024

SKILLS

- **Programming Languages:** Java, Python, JavaScript, SQL, HTML, CSS, C#
- **Databases:** MySQL, MS SQL Server, PostgreSQL, DynamoDB, MongoDB, NoSQL, RDS, Snowflake, Pinecone
- **Cloud:** AWS (IAM, S3, EC2, CloudWatch, Cognito, ECS, EKS, SES, SQS, SNS, ElastiCache), Azure, GCP, SaaS, PaaS
- **DevOps:** Terraform, Packer, Docker, Kubernetes, Linux, Shell Scripting, Unix
- **Technologies and Frameworks:** Spring Boot, ReactJS, FastAPI, Selenium, Hibernate, Junit, Maven, Airflow, RAG, dbt
- **Others:** Problem Solving, Data Structures & Algorithms, Design Patterns, Product Design, Parallel Systems, Monitoring, Teamwork, Communication, User Experience, Debugging, Front-end, Unit Testing, Serverless Architecture, Version Control, Clean Code

PROFESSIONAL EXPERIENCE

PipeIQ (Startup)   Palo Alto, CA
Cloud Engineer (Intern)   Sept 2023 – Dec 2023
- Led cross functional team to migrate 15+ AWS Lambda's to scalable Microservices for supporting multi-tenancy and RBAC
- Leveraged Next.js to develop full stack product features and improved the customer engagement & sales by 65%
- Used AWS services and GenAI to develop 10+ RESTful API's & worked on integration of ML engine into full stack application

PricewaterhouseCoopers (PwC) India   Mumbai, India
Technology Consultant – Financial Services   Jul 2021 – Jul 2022
Project Management & Backend development (Insurance Industry):
- Led the development of 30+ REST API's using Spring Boot and DynamoDB as a part of on-premise to cloud API migration
- Performed strategy planning and timeline management leading to an 18% increase in overall revenue
- Delivered 20+ microservices using full software development life cycle (SDLC) and agile methodology
- Improved the modularity and scalability of endpoints by 80% utilizing distributed module development
- Devised business rules using Spring EL for 15+ insurance products currently in use by over 2 million customers
Data Engineering (Private Bank):
- Performed ETL and built data pipelines to integrate core banking and CRM systems thereby improving system efficiency by 85%
- 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 to improve 'Perfect Order Percentage' by 80%
- Executed data-driven client acquisition initiatives, achieving a 20% reduction in reconciliation cycle time

PROJECTS

AI Meal Planner | Python, FastAPI, Streamlit, Snowflake, Airflow, Docker, GCP, RAG, Pinecone, Google Gemini, Hugging Face
- Developed a user-friendly interface for meal planning, calorie tracking & meal suggestions with data visualization capabilities

Financial Knowledge Base | Python, dbt cloud, Snowflake, pytest, Selenium, Pydantic, Beautiful Soup, S3
- Built a data engineering solution that performs extraction, validation, & loading of data from PDF's & website into Snowflake

Northeastern University Job Board | MongoDB, Express, React, Node.js, Redux, Bootstrap, MVC, DigitalOcean, scp, shell scripting
- Designed a mobile friendly (responsive) UI using React.js and deployed it to Digital Ocean Droplet
- Integrated payment gateway to trace Payment processing, improving customer engagement and security by 15%

Cloud-Native Inventory Management | Java, Spring Boot, MySQL, AWS, Terraform, Packer, CI/CD, DNS, IaC, ORM (Hibernate)
- Orchestrated GitHub Actions CI/ CD pipeline with Packer-based custom AMI creation and application deployment
- Implemented Infrastructure as Code with Terraform to provision EC2, VPC, RDS, S3, load balancer (ELB) & Launch Templates

Design Portfolio | Information Architecture, Figma, Balsamiq, Usability Testing, Design System, User Persona, SWOT analysis
- Designed mobile applications using low fidelity wireframing tools to high fidelity prototype tools – Sample Case Study