Viral Patel

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EXPERIENCE

- **Senior Software Engineer**   **February 2022 – Present**
  Visa USA Inc   *Austin, TX*
  - Designed and implemented a streamlined product onboarding process for the Visa Developer Platform by developing new Spring Boot RESTful API endpoints and microservices. This initiative reduced the onboarding time by **10%**, enhancing the efficiency and experience for clients
  - Collaborated with product owners from three different microservice application platforms to understand their integration requirements and provided expert guidance on leveraging Visa's API capabilities effectively
  - Implemented an automated real-time compliance scan process for businesses utilizing Visa's APIs. This system ensured ongoing compliance monitoring, enabling proactive actions in case of any compliance breaches and reducing administrative manual effort by **30%**
  - Worked closely with cross-functional teams, including developers, architects, and project managers, to coordinate API integration efforts and unify the product onboarding process across two separate platforms
  - Automated the registration and credential acquisition process, significantly reducing manual effort and enabling a faster and more seamless onboarding experience for clients

- **Summer Technology Intern**   **June 2021 – August 2021**
  Barclays   *Boston, MA*
  - Created and deployed end-to-end **ITRS Geneos** infrastructure using various **AWS services** that will allow monitoring of Barclays business infrastructure, reducing initial setup & maintenance efforts

- **Software Engineer Co-op**   **June 2020 – January 2021**
  Quick Base   *Boston, MA*
  - Revamped the customer-facing timeline report (Gantt Chart) UI on the Quick Base (Low-code/No-code) platform using **React.js, React Hooks, Redux**, resulting in an **80%** improvement in user interaction and usability
  - Back-end APIs were designed using **C++** for Data retrieval to populate features and perform CRUD operations based on user permissions or user role

- **Senior Software Engineer**   **November 2018 – August 2019**
  Prolifics   *Pune, India*
  - Consulted and designed solution to track submitted Medicare claims improving claim processing time by **30%**

- **Senior Software Engineer**   **July 2014 – November 2018**
  Infosys Limited   *Pune, India*
  - Led and mentored a team of three freshers in designing a claim status tracking system, resulting in an **80%** reduction in ticket resolution time
  - Automated enrollment processes using **Java, Shell Scripting, C**, and **IBM MQ** message system, improving processing time by **90%** and reducing turn-around time for enrollment requests by **30%**

TECHNICAL SKILLS

- *Languages:* **Java**, C, C++, Python, JavaScript, Shell Scripting
- *Technologies & Frameworks:* **Spring Boot**, **JPA**, **RESTful Webservices**, **JSON**, Hadoop MapReduce, Apache Spark, React.js, Redux, Node.js
- *Database:* MySQL, MongoDB, Oracle, MS-SQL
- *Tools:* Git, JIRA, Confluence, IntelliJ, VSCode, Postman, IBM WTX, ITX

EDUCATION

- **Northeastern University - Boston, MA**   September 2019 – December 2021
  Master of Science – Computer Science   **GPA: 3.66**
  Related Courses: Algorithms, Large Scale Parallel Data Processing, Web Development

- **University of Mumbai - Mumbai, India**   August 2011 – July 2014
  Bachelor of Engineering – Computer Engineering