Viral Patel

Boston, MA | (857)-800-3362 | patel.viral@northeastern.edu

https://www.linkedin.com/in/patelviralb/
https://patelviralb.github.io/

EDUCATION

- **Northeastern University - Boston, MA**   September 2019 – Present
  Master of Science – Computer Science   **GPA: 3.75**

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

EXPERIENCE

- **Quick Base**   June 2020 – Present
  Software Engineer Co-op   Boston, MA
  - Designing UI of timeline report (Gantt Chart) for the Quick Base platform using React.js, Redux
  - Implemented product's back-end API to retrieve data for timeline report using C++

- **Northeastern University**   January 2020 – May 2020
  Khoury Lab Admin   Boston, MA
  - Provided technical support to staff/students and monitored lab equipment
  - Created and managed work schedules for the lab proctors

- **Prolifics**   November 2018 – August 2019
  Senior Software Engineer   Pune, India
  - Consulted and designed claim processing infrastructure solutions for Health Insurance Company
  - Created a unique solution using ITX/IBM WTX and MySQL to help providers track and submit processed Medicare claims

- **Infosys Limited**   July 2014 – November 2018
  Technology Analyst   Pune, India
  - Consulted and designed solutions to process claims and manage enrollments for Health Insurance Company
  - Led and mentored 3 freshers of EDI(Electronic Data Interchange) managed service team in troubleshooting enrollment and claim process failures in production
  - Automated claim status inquiry processes using Java, Shell Scripting, C and IBM MQ message system

TECHNICAL SKILLS

- **Languages:** Java, C++, C, Python, Shell Scripting
- **Web Technologies:** React.js, Redux, Node.js, JavaScript, RESTful Webservices, HTML, CSS, Bootstrap
- **Database:** MySQL, MongoDB, Oracle, MS-SQL
- **Tools:** Git, JIRA, IntelliJ, VSCode, Postman, IBM WTX, ITX

PROJECTS

- **Chat Application:** Created chat application using design patterns while following SOLID principles, agile methodology
  Technologies Used: **Java, sockets, Hibernate, JavaScript, HTML, CSS**

- **Chowk–Learning Forum:** Open communication Q&A forum for students and staff like Piazza or Blackboard with integration of Stack Overflow suggestions/solutions
  Technologies Used: **React, Redux, TypeScript, MySQL**

- **White Board–LMS Solution:** Learning management portal for faculty, students and admins for efficient management of courses and quizzes
  Technologies Used: **React, Redux, Angular, TypeScript, Node.js, Spring Boot, JPA, MySQL, MongoDB**

- **Personal Assistant Action Classifier:** Implemented classification algorithm to infer actions to be taken by virtual assistant from input sentences
  Technologies Used: **Python, Keras, scikit-learn, pandas**

- **Service Ticket Distributor:** Built proof of concept to automate ServiceNow ticket distribution among teams using design thinking methodology, machine learning algorithms and R language
  Technologies Used: