

Viral Patel

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<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++**
- **Khoury College of Computer Sciences** January 2020 – May 2020
Khoury Systems 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: