

Armit Patel

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SKILLS

- **Languages :** Java , C++ , Python , JavaScript , JSP , SQL , R , HTML/CSS
- **Tools / Methodologies :** Eclipse, Maven, Git, Jira, JUnit, CMake, Confluence, BitBucket, SQLServer, JavaFX, Unity, RHEL , Linux / UNIX, AWS, Android Studio, Jenkins, CI/CD , Agile, Object oriented programming, Socket programming
- **Active secret clearance**

WORK EXPERIENCE

ASRC Federal

Aug. 2021 – Present

Software Engineer

Moorestown, NJ

- Provided real time mission critical development, maintenance, or support in an Open/Layered Architecture Environment (C++, Git).
- Improved compile time of codebase by 30%.
- Hands-on experience using source code management tools (Bitbucket, Git).
- Utilized the UNIX environment for deploying the application as well as debugging production issues.
- Work in a collaborative team using agile development methodology.

Piscataway Codes

September 2016 – September 2017

Hackathon Manager

Piscataway, NJ

- Taught the foundations of coding to children as young as 7 years old.
- Learned how to explain programming concepts in simple terms and created lessons that were effective in getting young children to digest the material.
- Coordinated instructors and organized workshop environment to promote learning.

Other: *Burger King, Five Below, Nerot Warehousing, Amplifire Entertainment*

EDUCATION

Rutgers University - New Brunswick

September - 2021

Bachelor of Science, Computer Science

Piscataway, NJ

- Coursework: Data Structures (Java, C++) , Computer Architecture (C, x86 Assembly), Systems Programming, Database Management (AWS, SQL), Network Engineering, Design and Analysis of Algorithms, Data Science (Python, R)
- Delta Epsilon Psi - Service/Social Fraternity

PROJECTS

Train booking website - A relational database system to support the operations of an online train reservation system. The program allows users to view available train schedules, ask questions in a forum, and supports a range of user types. (**Java, JSP, Apache, MySQL, JDBC, AWS**)

Java web server - A web server in Java which supports GET, POST, and HEAD requests. Allows for multiple users to connect concurrently and includes functionality to store cookies. (**Java, HTML**)

RUCafe - An Android Application that supports the functionality of a cafe ordering system. Users can add, remove, and update order items. (**Java, Android Studio, Gradle**)

Wireshark clone - A clone of Wireshark which identifies TCP flows and information about other protocols such as UDP and ICMP from a packet capture file. The program produces a report of completed/incomplete packets, average bandwidth, and source/destination information. (**Java, Maven**)
