

# NAYAAB AZIM

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## OBJECTIVE

I am an enthusiastic, adaptable professional experienced in cross-platform software development. I aim to harness my extensive work and academic background as a Software Development Engineer.

## SKILLS

**Programming Languages:** Java, C++, Java-Script, Python, ESQL

**Databases:** MS SQL, SQL server, PostgreSQL, MongoDB

**Web and Scripting Tools:** HTML, CSS, XML, JavaScript, JSX, React, jQuery, AJAX, Bootstrap, Entity framework

**Cloud Technologies:** AWS, Netlify

**Middleware:** IIB ACE, Message Queue, SAP

**Development Tools:** Visual Studio, Eclipse, Android Studio, Photoshop, NetBeans, Adobe, Unity.

**Visualization Tools:** Tableau, Power BI

**Course-Work:** Data-Structure & Algorithm, Web Development, DBMS, Advance Machine Learning, Software Engineering

## EXPERIENCE

### Software Engineer, Cognizant Technology Solutions India

May 2021 - Dec 2022

- Leveraged Angular, JavaScript, HTML5, CSS3, and Bootstrap to craft dynamic web applications.
- Leveraged IIB ACE to meticulously engineer the complete adapter code for a major airline, specializing in the meticulous handling of aircraft luggage weight data. This encompassed the precise formatting of data for seamless pub-sub distribution and its efficient storage within dedicated database tables, all achieved through the implementation of inline query code.
- Pioneered service creation for angular components, enhancing code efficiency and facilitating seamless data sharing.
- Mastered the art of creating applications using cutting-edge technologies including Ionic, Cordova, Angular, JavaScript, HTML5, and CSS3.

### Software Developer Intern, Tata Steel India

May 2018 - Jul 2018

- Designed a project that seamlessly connected various departments, eliminating the need for manual intervention, while also maintaining a comprehensive record of the quantity of steel rods in transit and prepared for the melting process.

## PROJECTS

### Match-Making platform for peer-programmers, Virginia Tech

Feb 2023 - Apr 2023

- Created a comprehensive peer-programmer website facilitating matches based on coding preferences, allowing users to connect, collaborate, and share knowledge.
- **Technology Stack :**  
Front-end : HTML/CSS, JS, React, Axios, JSX.  
Back-end : REST, NODE, Express, BCRYPT, Talk JS, ML, Web Socket, Message Queue, MongoDB

### Developed a Virginia Tech local map event tracker, Virginia Tech

May 2023 - Aug 2023

- Designed a real-time campus event tracking site, displaying event locations, times, and distances from our current position.
- **Technology Stack :**  
Front-end : HTML/CSS, JS, React, Axios, JSX, Google Map API.  
Back-end : JAVA, Spring Boot, Spring Data JPA, C++, Rest APIs, Web Socket, MySQL, JWT, Spring Security, Junit and Mockito, Apache Tomcat, C++ Testing Framework, Selenium.

### Crime Notification progressive web app, Virginia Tech Hackathon

Feb 2023 - Apr 2023

- Created a comprehensive Crime Notifying progressive web app facilitating notification alert based on the location, distance, and the severity of the crime.
- **Technology Stack :**  
Front-end : HTML, CSS, JS, React, Axios, JSX.  
Back-end : REST, NODE, Express, Google API, React, Firebase.

**Git-Hub :** [github.com/Nayaab704](https://github.com/Nayaab704)

## EDUCATION

### Virginia Polytechnic Institute and State University

Master of Engineering in Computer Science, **GPA: 4.0/4.0**

*Blacksburg, VA*

*Jan 2023 - Dec 2024*

### CV Raman Global University

Bachelor of Engineering in Computer Science, **GPA: 3.8/4.0**

*Bhubaneswar, India*

*Aug 2017 - May 2021*

## EXTRACURRICULAR ACTIVITIES

- Secured Global rank of 4000 in Google Hash-Code 2020
- Guided and mentored over 300 interns in Java programming during my tenure at Cognizant.
- Achieved a Silver badge in recognition of outstanding project work at Cognizant.
- Secured victory at the district level competition in mechatronics, earning a spot in the WorldSkills Kazan event.