RAHUL RAVI GORE

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EDUCATION

Arizona State University, Tempe, AZ   **Jan 2021 – Dec 2022**
Master of Science in Computer Science   *CGPA - 3.96/4*

Pune Institute of Computer Technology, Pune, India   **Aug 2014 – Jun 2018**
Bachelor of Engineering in Computer Engineering   *GPA - 8.53/10*

TECHNICAL SKILLS

Languages: Python, Java, C++, JavaScript
Database: Postgres, MySQL, MongoDB
Frameworks: ReactJS, Angular, jQuery, Spring Boot, NodeJS, Apache Spark, Tensorflow
Tools: Git, Android Studio, Postman, Selenium
Others: Docker, REST API, AWS (EC2, S3), Bash, Windows Cmd, MacOS, Jenkins

PROFESSIONAL EXPERIENCE

Daimler Trucks North America   **Aug 2022 - Nov 2022**
Software Development Intern   *Portland, OR*
- Designed and developed a web application - a workbench where users can enter SQL queries to obtain data from the database in their desired format. The project was built from the ground up and led to a significant increase in the speed of data processing and analytics within the organization.
- Implemented multiple features like syntax highlighting and auto-completion of input SQL queries, saving frequently used queries in the database, scheduling queries and setting up recurring queries, exporting data in CSV, Excel, or as an email, and user authentication.
- Created a server-side application that communicates with the database to fulfill user queries and a client-side application that takes input from the user. The client and server communicate using REST API calls.
- **Technologies used:** Spring Boot, Java, MySQL, JavaScript, HTML, CSS

Siemens Digital Industry Software   **Aug 2018 - Dec 2020**
Associate Software Engineer   *Pune, India*
- Worked as a full stack developer on an enterprise application - Teamcenter **used by 7M+ users**
- Resolved defects in the server-side components in the production environment, which improved customer productivity.
- Collaborated with a solutions architect to discover a method for performing remote client-side debugging, thus streamlining the defect management process in the application.
- Developed a feature to replicate complex user objects, enabling effective use of the application.
- Worked on a project to render 3D graphics for user objects stored in the database that enhance the application's user experience.
- **Technologies used:** Java, Angular, C++

PROJECTS

Skyline evaluation in DBMS | Java, SQL   **Apr 2021**
- Added new features in DBMS to accommodate user preferences for e-commerce applications.
- Implemented the Hash Join algorithm to improve the performance of the JOIN query in a database.

Chargify | ReactJS, Redux   **Mar 2022**
- Collaborated with 2 developers to create an app that allows users to book charging slots at EV stations.
- Integrated Google Maps API and Square Payments SDK in the React project.

Automatic detection of tumors in colonoscopy | Python   **Apr 2022**
- Developed an application that monitors quality and detects polyps in a patient's body during colonoscopy.
- Created a transfer learning module based on a pre-trained EfficientNet that predicts the quality of the video frames.