

# Archit Bubber

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## Education

### MS Ramaiah Institute of Technology

Bachelor of Engineering in Computer Science | GPA: 8/10

Bangalore, India

August 2022

**Courses:** Algorithms and Data Structures, Object Oriented Design and Programming, Operating Systems, Introduction to Computer Architecture, Database Management Systems, Introduction to Cloud Computing, Introduction to Computer Networks

## Experience

### HelloGM

Software Developer (Java, SpringBoot, Mongo, Angular)

Bangalore, India

Aug 2022 - Present

- Worked with the Product Engineering Team on several full-stack Software Engineering projects. We managed data for several hotel brands globally and provided front-end visualization for a lot of their analytics requirements.
- I led the development of several UI/UX features and designed algorithms for efficient data management. A few of my notable contributions are:
  - Built a new service for fetching and processing data from Secure File Transfer Protocol(SFTP) servers.
  - Built dynamic UI designs for CRUD (create, read, update, delete) operations using Angular.
  - Wrote efficient data-mapper APIs for parsing raw files of different formats (pdf, CSV, excel) to generate structured data (JSON format) for further processing and storage.
  - Wrote time and storage-efficient algorithms that helped brands seamlessly merge their large-scale data with their parent companies securely.
- As an integral member of the product team, I helped QA in the efficient testing of APIs, led the on-call process, and solved several production priority issues.

### ICWaR, Indian Institute of Sciences (IISc)

WebDeveloper Intern (Angular, Git, Github, UI/UX)

Bangalore, India

May 2022 - Present

- Built ICWaR department's website ([link](#)) as a sole developer, incorporating real-time data updates, dynamic styling, and user-friendly functionality for non-technical users.
- Deployed the website on a static Github server, implementing REST APIs for efficient data updates from a separate repository.
- Completed the project using Angular and Bootstrap to enhance portability and reusability, and mentored students for future maintenance

### Quicken Software Technologies

Cloud Development Intern (Java, SQL, JUnit)

Bangalore, India

Jan 2022-June 2022

- Worked with the Cloud Services team as a Java developer. This team is responsible for maintaining the subscription services of Quicken's flagship product (a personal finance and money management application).
- Upgraded Spring Boot and Gradle versions in the entire application. It involved updating the syntaxes in the entire codebase to be compatible with new versions and completing thorough regression testing before deploying the new version to the production environment.
- Automated manual steps in several components of this application. For instance, automated address specification in email templates used by Quicken.
- Identified a bug in the subscription system wherein a user can extend the subscription unlimitedly without paying for it. Added exception handling for such a scenario and deployed the fix to the application, which had a significant monetary impact on the company.

## Skills

**Languages:** Java, C, Python, SQL, HTML, CSS, SpringBoot, Angular JS

**Misc:** Bootstrap, Git, W3.css, Gitlab

## Academic Projects and Research

### Database management

- Developed the front end for the MSRTIT database management tool. Further, I designed an algorithm to detect duplicate entries into the database early to prevent error generation during insert.
- Developed the "Update" functionality for the MSRTIT database. This empowered the department heads to update the accesses to the database of various faculty based on their requirements.

### Web Development Projects

- Developed my portfolio website using w3.css for responsive web designing which is hosted on GitHub [[link](#)]
- Developed live location tracking website "TrackMeRide" which provided real-time location and speed of the vehicle using react and Node.js. It used "MapMyIndia" API for displaying maps and the app was deployed using Heroku.

## Extra-Curricular and Others

- Winner of State Level Motorcycle Championship under 200cc category organized by KTM in 2017.
- Represented college at VTU south-zonal sports meet in a 10km race.
- Engaged participant in several community groups, such as the National Service Scheme(NSS) Club, actively contributing to address diverse social issues.