

Archit Bubber

+91-9667607080 | architbubber07@gmail.com | <https://archit.tk>

Education

MS Ramaiah Institute of Technology

Bangalore, India

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

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

Quicken Software Technologies

Bangalore, India

Cloud Development Intern (Java, SQL, JUnit)

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 completed thorough regression testing before deploying the new version to 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 for an unlimited time without paying for it. Added exception handling for such a scenario and deployed the fix to the application, which had a significant monetary impact for the company.

Skills

Languages: Java, C, Python, SQL, HTML, CSS, JavaScript, Node.js, React JS

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

Academic Projects and Research

Database management

- Developed the frontend for MSRIT database management tool. Further, designed an algorithm for early detection of duplicate entry into the database to prevent error generation during insert.
- Developed the "Update" functionality for the MSRIT 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. The website was developed using custom CSS for responsive web designing and Node.js in backend. It used "MapMyIndia API" for displaying map and marker. Further, react was used for updating the marker position without refreshing page. The app was deployed using Heroku [\[link\]](#)

Microprocessor Projects

- Developed an Emergency Fall Detector wristwatch using mpu6050, NEO6M, GSM800a and Arduino LilyPad. Detected fall by calculating accelerometer and gyro value changes. Further, alerted the listed people about the accident by sending GPS coordinates.
- Developed a Maze Solving Robot as part of a robotics contest by using LRSB algorithm, and calculated path using discreet mathematics equations.

Miscellaneous

- Developed an audio reactive keyboard lights script using Python.
- Developed an application using Python for programming Neopixel LED's to display custom graphics and images. The matrix can be generated as per user demand style/pattern.

Extra-Curricular and Others

- Winner of State Level Bike Championship under 200cc category organised by KTM in 2017.
- Represented college at VTU south-zonal sports meet in 10km race.
- Active member of various community groups which educate under-privileged kids.
- Core member and organizer of various treks as part of Nature's Club.