

# Prajwal Ravishankar

Email : prjwl132@gmail.com

Bangalore, India - 560050

Ph: +91-82774-27701

LinkedIn: [Prajwal Ravi](#)

Github: [Prajwal Ravi](#)

## EDUCATION

---

- **Birla Institute of Technology and Science, Pilani** India  
*Bachelor of Engineering in Computer Science; CGPA: 9.01 / 10.0* Aug. 2016 – July. 2020

## EXPERIENCE

---

- **Sensei Technologies** Bangalore, India  
*Summer Intern* May 2018 - July 2018
  - Keycloak is an open source OAuth2 based Identity and Access Management server.
  - Replaced the existing BASIC authentication system with Keycloak in one of the company's projects.
  - Enforcing user authorization to resources based on User Roles defined in Keycloak.

## PROJECTS

---

- **Malware Mitigation in IOT devices**  
*Ongoing Research project under Prof. Geethakumari*
  - Collecting binaries of Telnet based attackers, cleaning and encoding the collected data.
  - Using a Convolutional Neural Network based approach to classify collected binaries as malware or benign binaries.
- **Musik**  
*Personal project*
  - Musik is an application that let's users upload, store, and play all their music from the cloud.
  - Supports multiple users with secure login.
  - Used Django with MySQL for the back-end and Bootstrap 4 for the front-end.
- **Movie Database Manager**  
*Part of a team of 4 as part of Database Systems course*
  - A multi-user based comprehensive movie management system.
  - Supports basic CRUD operations and can launch movies directly from the app.
  - Used Java with MySQL and JavaFX for making the User Interface.

## RELEVANT COURSES

---

- Object Oriented Programming • Data Structures and Algorithms • Database Systems
- Discrete Structures for Computer Science • Operating Systems
- Information Retrieval • Foundations of Data Science • Programming languages

## PROGRAMMING SKILLS

---

- **Languages:** Java, C, C++, Python 3
- **Tools and Technologies:** MySQL, Linux, Git, Bootstrap, Django, IntelliJ, PyCharm

## AWARDS AND ACHIEVEMENTS

---

- Awarded the highest Merit scholarship for standing in the top 25 among 700 students in BITS Pilani.