

The Digital Audio Processing Lab at IIT Bombay is on the lookout for a Full Stack Web developer for the translation processes of their speech and music research to applications. The details of ongoing projects can be found here: <https://www.ee.iitb.ac.in/student/~daplab/>

**Responsibilities will include:**

- Development and maintenance of the Learning Management System supporting our Android application
- Collaboration with the Android application team to design and develop new features
- Design and develop client-facing web applications
- Develop and manage well-functioning databases and applications
- Design and develop secure REST APIs
- Testing, bug fixing and optimizing application performance

**Essential experience and skills:**

- B.Tech./M.Tech or equivalent degree
- 1+ years experience as a Full Stack Developer or similar role
- Familiarity with common stacks
- Knowledge of multiple front-end languages and libraries (e.g. HTML/ CSS, JavaScript, XML, jQuery)
- Knowledge of back-end languages (e.g. C#, Java, Python) and JavaScript frameworks (e.g. Angular, React, Node.js)
- Familiarity with databases (e.g. MySQL), web servers (e.g. Apache)
- Experience with at least one of the following cloud-based platforms and services such as Amazon Web Services, Microsoft Azure and Google Cloud Platform.
- Working knowledge of Git version control system
- Excellent problem solving and communication skills
- Can work independently with minimal guidance and supervision

**Good to have:**

- Course-work/Experience in speech processing

Interested applicants can forward their resume with the subject Line “**Full Stack Web Developer Application**” to [nageshnayak@iitb.ac.in](mailto:nageshnayak@iitb.ac.in)

**Additional Details:**

The Digital Audio Processing lab is a research lab in the Dept. of Electrical Engg. at IIT Bombay dedicated to research in speech and audio processing involving M.Tech. and Ph.D. students. Research projects include music content analysis and retrieval, speech enhancement and speech recognition. For more details, visit the following link:

<https://www.ee.iitb.ac.in/course/~daplab/>