

RUTURAJ KANAKE

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EXPERIENCE

LambdaTest

Member of Technical Staff

Software Development Intern

Noida, India

July 2022 – Present

May 2021 – June 2022

- Developed a new LT Browser app based on Chromium which helps the user test website responsiveness, open multiple dev tools and generates lighthouse report.
- Customised Chromium's source code to allow the rendering of multiple iframes in separate processes, incorporating a custom Chrome extension built inside the app, bypassed cookies for iframes, fixed navigation issues, etc.
- Implemented screenshots, scroll and click sync, bookmarks sync, error logs, and network throttling, among other things, in LT Browser.
- Built a Chrome extension named LT Debug extension, which helps to modify headers, replay recorder on LambdaTest platform, block network requests, allow cors, change user-agent, insert scripts, etc.
- Created LambdaTest Tunnel - a Docker extension which runs Docker commands to establish a connection between local apps and LambdaTest.

First Floor Digital Agency

Full Stack Developer Intern

Remote

October 2020 – December 2020

- Developed, designed and implemented the entire back end for a jobs search application in Node.js and MySQL.
- Implemented serverless architecture in AWS using microservices like API Gateway, Lambda function, CloudFront, etc.
- Technologies used: React.js, Node.js, MySQL, AWS.

Fitnessstrakers Pvt. Ltd.

Backend Developer Intern

Remote

May 2020 – August 2020

- Created REST APIs and database models for a fitness app in Node.js, Express.js and MongoDB.
- Implemented instant challenge, which matches two players online and a pre-auth payment model in the app.
- Technologies used: Node.js, MongoDB, Heroku, AWS.

EDUCATION

Indian Institute of Information Technology

Gwalior, India

Bachelor of Technology - Computer Science and Engineering; CGPA: 7.88

Aug 2018 – May 2022

Courses: Operating Systems, Database Management, Object Oriented Programming, Data Structures and Algorithm, Computer Networks, Artificial Intelligence, Machine Learning, Information Security Systems

SKILLS SUMMARY

- **Languages:** C++, Python, JavaScript, Typescript, HTML, CSS, Bash
- **Frameworks:** Node.js, Express.js, React.js, Tensorflow, Scikit-learn
- **Databases:** MySQL, MongoDB
- **Tools/Platforms:** Git, Github, Postman, AWS, GCP, Heroku

PROJECTS

- **Tracking attentiveness in live classroom:**
A MERN stack application that allows professors to publish lectures and monitor student behaviour in the online classroom. The app will display how much the student is attentive in the classroom using Azure Cognitive Services and store the information in the database.
- **Eduspark:**
Eduspark is an online learning platform where students can log in and access course material provided by instructors. Developed in MERN stack using Cloudinary for video uploading and streaming.
- **Task Manager App:**
MERN Stack Application where the user registers his account and start creating and deleting his tasks. Email verification of users by sending OTP through SendGrid API and managed file uploads.

ACHIEVEMENTS

- Completed Cloud Engineering and Data Science track of 30 days of Google Cloud Challenge.
- Achieved 6-star gold badge in Problem solving on HackerRank.
- 1st in Winter Project (in MERN Stack Category) organised by AASF: Technical Club of IIIT Gwalior.