

TEJAS R

Bengaluru, India

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Education

Bachelor of Engineering

Visvesvaraya Technological University

GAT

Bengaluru, Karnataka

Relevant Coursework

- Data Structures
- Algorithms Analysis
- Artificial Intelligence
- Systems Programming
- Software Methodology
- Database Management
- Internet Technology
- Computer Architecture

Experience

Web Developer Intern

May 2021 – August 2022

Ascent Bengaluru, Karnataka

- created a serverless API using AWS Lambda to handle user management operations
- Incorporated scripts using Python and PowerShell to aggregate XML test results into an organized format and to load the latest build code onto the hardware, so that daily testing can be performed.
- Utilized Git and github to provide a continuous integration service in order to automate the entire process of loading the latest build code and test files, running the tests, and generating a report of the results once per day.
- Explored ways to visualize and send a daily report of test results to team members using HTML, Javascript, and CSS.

Trainee Game Developer

May 2023 – Jan 2024

Rendered Ideas Bengaluru, Karnataka

- I was involved in development of the Games for Roku Streaming devices using brightScript and the libGDX framework.
- leveraged SQL queries to extract, transform, and analyze large datasets, providing actionable insights that supported strategic decision-making and enhanced game features.
- Collaborated with team members using version control systems such as Git to organize modifications and assign tasks.
- Worked with SQL and the Data Analytics Team to analyze and optimize data collection processes across various sections of the games, including game play performance, user engagement, and monetization metrics.

Projects

Bitcoin Trading platform | *Java, Spring, postgresSql*

January 2024

- Developed an automatic bot using Java and SPring to register and trade on the platform.

Deployed a serverless application | *AWS lambda, AWS RDS, S3*

June 2024

- Designed and deployed a serverless application using AWS Lambda and API Gateway to implement scalable API endpoints, integrated with Amazon RDS for relational data management, S3 for secure storage with lifecycle policies, and IAM roles for fine-grained access control; automated deployment using AWS CloudFormation and SAM while monitoring performance and setting up proactive alerts with CloudWatch.

Real-Time Chat Application | *Node.js, React, MongoDB*

March 2023

- Developed a real-time chat application utilizing React for the front-end, Node.js and Express.js for the back-end, Socket.io for low-latency WebSocket connections, MongoDB for data storage, and JSON Web Tokens (JWT) for secure user authentication, ensuring a responsive and secure user experience across various devices.

Technical Skills

Languages: Python, Java, C, HTML/CSS, JavaScript, SQL

Developer Tools: VS Code, Eclipse, Google Cloud Platform, Android Studio

Technologies/Frameworks: Linux, Jenkins, GitHub, JUnit, WordPress, AWS

Leadership / Extracurricular

Trekking Club

June 2021 – Present

Member

- Participated in over 15 treks across various terrains, enhancing physical endurance and teamwork skills.
- Assisted in organizing monthly trekking expeditions, coordinating logistics for groups of up to 25 participants.
- Contributed to environmental conservation efforts by leading clean-up drives during treks, promoting sustainable practices among peers.